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# COMMERCIAL FEEDING STUFFS REPORT ON INSPECTION

1933

E. M. BAILEY



Connecticut  
Agricultural Experiment Station  
New Haven

# CONNECTICUT AGRICULTURAL EXPERIMENT STATION

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## REGISTRATION OF FEEDS

Manufacturers, jobbers or individuals outside the State who ship concentrated commercial feeding stuffs into Connecticut are expected to register the brands so shipped and to pay the necessary fees thereon, and they generally do so. However, under the provisions of our law, if manufacturers or others outside the State neglect or refuse to register, the local dealer who handles such feeds is responsible for such registrations, registration fees and other legal requirements.

In the course of trade, feeds manufactured in another State frequently pass through the hands of several middlemen, none of whom is within the immediate jurisdiction of our law, before they reach the local distributor. This Station makes reasonable investigation to find out the source of shipment of feeds found to be unregistered, but the law imposes no obligation upon it to do so. It is the plain duty therefore of local dealers who purchase feed for resale and distribution to assure themselves that the brands they purchase are registered, or else be prepared to assume that responsibility themselves.



# COMMERCIAL FEEDING STUFFS

## REPORT ON INSPECTION

1933

E. M. Bailey

### THE FEED LAW

The text of the law relating to concentrated commercial feeding stuffs and of regulations made jointly by the Dairy and Food Commissioner and the Director of this Station for carrying out its provisions, are given in Bulletin of Immediate Information, No. 60, June, 1927.

Some essential provisions of the law and the regulations may be briefly restated here.

*Exemptions.* It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration, (1) roughages such as hays, straws, corn stover, ensilage and all materials containing more than 60 per cent of water; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grains and sold by the manufacturer directly to the consumer; (5) feed ground from materials furnished by the consumer; or (6) feed mixed according to a formula furnished by the consumer, for his own use.

Under the provision of clause 6 above, a feed must be sold as a formula only, without a private brand name and without analysis. But a feed cannot be offered for general trade as a formula in order to avoid registration and the registration fee.

*Labelling.* All concentrated commercial feeding stuffs must be labelled either by a statement printed on the bag or upon a properly attached tag; except that in the case of cottonseed meal sold for fertilizer, or of any concentrated feeding stuff sold in bulk, a certificate, which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The law requires a statement of (1) the net weight of the feed contained in the package; (2) the name, brand or trademark under which the feed is sold; (3) name and address of the manufacturer or importer; (4) the minimum percentages of (a) crude protein and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; and (5) the separate ingredients of which the feed is composed.

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NOTE: Analyses are by Messrs. Nolan, Mathis and Walden; microscopic examinations by Mr. Shepard and Miss Shepard; sampling by Mr. Churchill; and compilations by Mrs. Vosburgh.

While the law requires only a statement of the items enumerated above, no objection will be raised to more complete statements of chemical composition.

Our regulations provide that definitions and standards for feeding stuffs as adopted from time to time by the Association of American Feed Control Officials are accepted as official in carrying out the provisions of our law; and the rules and regulations of that association are followed whenever they are consistent with our statutes. In order to secure greater uniformity in the labelling of feeds and in the statement of ingredients, that association has adopted a number of rules that manufacturers should heed in submitting registrations. Particularly the following points should be noted:

(1) The protein percentage of cottonseed and linseed meals should be incorporated in the brand name, e.g. "XX Cottonseed Meal 41 per cent" or "XX 41 per cent Protein Cottonseed Meal".

(2) Feeds should not be designated as "molasses feeds" or "butter-milk feeds" but rather as feeds "with molasses" or "with buttermilk", or "containing molasses" or "containing buttermilk". Example: "XX Dairy Feed with molasses", not "XX Molasses Dairy Feed".

(3) If screenings are present their source should be indicated, e.g. "wheat screenings", "rye screenings".

(4) Ground oats hulls should not be designated as "ground oat feed".

(5) The presence of any proportion of screenings in wheat bran or in wheat shorts should be indicated as a part of the brand name and the source of the screenings given, e.g. "Wheat Bran with ground wheat screenings not exceeding mill run".

*Affixing tags.* The use of wire or any metal in affixing tags to feed packages is prohibited by law.

*Registration and registration fee.* The law requires an annual registration of all concentrated feeds sold or offered for sale in this State. Registrations are to be made with the Connecticut Agricultural Experiment Station and beginning January 1, 1928, the registration period is for the duration of the calendar year. The registration fee is fifteen dollars (\$15), for each brand, a distinct brand name or a distinct analysis constituting a distinct brand.

*Duties of manufacturers, jobbers and dealers.* All concentrated commercial feeding stuffs must be registered annually on January 1, or before they are offered for sale.

Manufacturers, jobbers or individuals shipping feeds into Connecticut will be expected to register their brands and pay the necessary fees thereon. Connecticut dealers should assure themselves that the brands they handle are properly registered and labelled. In case the manufacturer or jobber outside the State neglects or refuses to register, the dealer who handles such feeds will be held responsible for such registrations, registration fees and other legal requirements.

Dealers within the State who mix their own brands are responsible for the registration and proper labelling thereof.

*Cottonseed meal.* Cottonseed meal sold as a fertilizer is required to be registered under the terms of the fertilizer law; if sold also as a feeding stuff it is required also to be registered under the provisions of the feed law; if sold exclusively for one or the other of these purposes, it may be registered only under the law that applies.

## EXPLANATION OF TERMS USED IN AN ANALYSIS OF FEEDING STUFFS

In registering feeding stuffs the law requires that the minimum percentages of crude protein and crude fat, and the maximum percentage of crude fiber, shall be given; that is, the registrant must guarantee that the feeds registered will contain *not less* than the stated percentages of crude protein and of crude fat and *not more* than the stated percentage of crude fiber.

The term *crude protein* denotes those nutrients that contain nitrogen, and is obtained by multiplying the percentage of total nitrogen in the feed by the factor 6.25.

The term *crude fat* denotes those substances that are soluble in ether and includes, besides fat, such non-fatty materials as chlorophyll and coloring matter.

The term *crude fiber* denotes the coarse, woody tissues characteristic of all forms of roughage and that are present in the outer coats of cereal and other fodder grains.

Although the law requires only a statement of the three nutrients just defined, no objection is taken to more complete statements of composition, but such further statements, if given, must be correct. Thus, tags sometimes bear guaranties for nitrogen-free-extract and for carbohydrates.

The term *nitrogen-free-extract* denotes those nutrients of the starch and the sugar types. This group is never determined directly but is obtained by subtracting from 100 per cent the sum of the percentages of moisture, ash, crude protein, crude fiber and crude fat.

The term *carbohydrates* denotes the combined percentages of crude fiber and nitrogen-free-extract.

## DEFINITIONS OF FEEDING STUFFS<sup>1</sup>

### ALFALFA PRODUCTS

1. *Chopped Alfalfa* is the entire alfalfa hay, chopped and not ground finely enough to become a meal. It must not contain an admixture of alfalfa straw or other foreign material. (Adopted prior to 1928).

2. *Alfalfa Meal* is the product obtained from the grinding of the entire alfalfa hay, without the addition of any alfalfa stems, alfalfa straw or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds, and must not contain more than 33 per cent of crude fiber. (Adopted 1928).

3. *Alfalfa Leaf Meal* is the ground product consisting chiefly of leafy materials separated from alfalfa hay. It must be reasonably free from other crop plants and weeds and must not contain more than 18 per cent of crude fiber. (Adopted 1928).

<sup>1</sup>As announced by the Association of American Feed Control Officials, 1933-34.

4. *Alfalfa Stem Meal* is the ground product remaining after the separation of the leafy material from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds. (Adopted 1928).

### ANIMAL PRODUCTS

5. *Blood Meal* is ground, dried blood. (Adopted 1926).

6. *Blood Flour* is dried blood, prepared by special processes and reduced to a fine powder. (Adopted prior to 1928).

7. *Digester Tankage, Meat Meal Tankage or Feeding Tankage* is the residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry rendering or a mixture of the products made suitable by drying and grinding. It must not contain more than 10 per cent of phosphoric acid (expressed as  $P_2O_5$ ). If it bears a name descriptive of its kind, composition or origin, the material must correspond thereto. (Adopted 1928—Amended 1933).

8. *Digester Tankage with Bone, Meat and Bone Meal Digester Tankage, Meat and Bone Meal Tankage, or Feeding Tankage with Bone* is the residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry rendering or a mixture of the products made suitable by drying and grinding, and containing more than 10 per cent of phosphoric acid (expressed as  $P_2O_5$ ). If it bears a name descriptive of its kind, composition or origin, it must correspond thereto. (Adopted 1928—Amended 1933).

9. *Meat Scraps* is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice. When this product contains more than 10 per cent of phosphoric acid (expressed as  $P_2O_5$ ), it shall be designated Meat and Bone Scrap. If it bears a name descriptive of its kind, composition or origin it must correspond thereto. (Adopted 1928).

10. *Raw Bone Meal* is the dried, ground product suitable for animal feeding, obtained by cooking in water at atmospheric pressure, undecomposed bone, just enough to remove excess fat and meat. It must not contain less than 23 per cent of protein. (Adopted 1929).

11. *Steamed Bone Meal* is the dried, ground product suitable for animal feeding obtained by cooking bones with steam under pressure. (Adopted 1929).

12. *Special Steamed Bone Meal* is the dried, ground product suitable for animal feeding obtained by cooking dried bone, after the removal of grease and meat fiber, with steam under pressure in the process of obtaining gelatine or glue. (Adopted 1929).

### APPLE PRODUCTS

13. *Dried Apple Pomace* is the sound, dried residue obtained by the removal of cider from apples. (Adopted 1929).

14. *Dried Apple Pectin Pulp* is the sound, dried residue obtained by the removal of pectin from apple products. (Adopted 1929).

### BARLEY PRODUCTS

15. *Barley Hulls* is the product consisting of the outer coverings of the barley. (Adopted prior to 1928).

16. *Barley Feed* is the entire by-product resulting from the manufacture of pearl barley from clean barley. (Adopted prior to 1928).

17. *Barley Mixed Feed* is the entire offal from the milling of barley flour from clean barley and is composed of barley hulls and barley middlings. (Adopted prior to 1928).

18. *Ground Barley* is the entire product obtained by grinding clean sound barley, containing not less than 90 per cent of pure barley and not more than 10 per cent of other grains, weed seeds and other foreign material and not more than 6 per cent

of crude fiber; provided that no portion of this stated 10 per cent of other grains, weed seeds or other foreign material shall be intentionally added. (Adopted prior to 1928).

19. *Mixed Feed Barley* is the entire product obtained by grinding country run barley containing not less than 75 per cent of pure barley and not more than 25 per cent of other grains, weed seeds and other foreign material; provided that no portion of this stated 25 per cent of other grains, weed seeds or foreign material shall be intentionally added. The ingredients must be stated as barley, other grains, weed seeds and foreign material. (Adopted prior to 1928).

### BET PRODUCTS

20. *Dried Beet Pulp* is the dried residue from sugar beets which have been cleaned and freed from crowns, leaves and sand, and from which the sugar has been extracted. (Adopted prior to 1928).

### BREWERS' AND DISTILLERS' PRODUCTS

21. *Brewers' Dried Grains* is the dried residue obtained in the manufacture of beer. (Adopted prior to 1928).

22. *Distillers' Corn Dried Grain or Distillers' Rye Dried Grains* is the dried residue obtained in the manufacture of alcohol and distilled liquors. The product must bear the designation indicating the cereal predominating. (Adopted prior to 1928).

23. *Distillers' Corn Solubles* is a by-product from the manufacture of alcohol from corn solids obtained by the evaporation of the mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928).

24. *Distillers' Rye Solubles* is a by-product from the manufacture of alcohol from rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928).

25. *Distillers' Corn and Rye Solubles* is a by-product from the manufacture of alcohol from corn and rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928).

26. *Malt Sprouts* are the sprouts of the barley grain obtained from malted barley. Sprouts derived from any other malted cereal must be designated by the name of that cereal. (Adopted prior to 1928).

27. *Yeast Dried Grains or Vinegar Dried Grains* is the properly dried residue from the mixture of cereals, malt and malt sprouts (sometimes cottonseed meal) obtained in the manufacture of yeast or vinegar, and consists of corn or corn and rye from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added during the manufacturing process to aid in filtering the residue from the wort and to serve as a source of food supply for the yeast. (Adopted prior to 1928).

### BUCKWHEAT PRODUCTS

28. *Buckwheat Shorts or Buckwheat Middlings* are the portions of the buckwheat grain immediately inside the hull secured after separation from the flour. (Adopted prior to 1928).

### CHOP

29. *Chop* is a ground or chopped feed composed of one or more different cereals or by-products thereof. If it bears a name descriptive of the kind of cereals, it must be made exclusively of the entire grains of those cereals. (Adopted prior to 1928).

### COCOANUT PRODUCTS

30. ... *Per Cent Protein Coconut Oil Meal or ... Per Cent Protein Copra Oil Meal* is the ground residue from the extraction of part of the oil from the dried meat of the coconut. (Adopted prior to 1928).

## CORN PRODUCTS

31. *Corn Meal* (Feeding) is finely ground, unbolted corn. (Adopted prior to 1928).

32. *Corn Bran* is the outer coating of the corn kernel, with little or none of the starchy part or germ. (Adopted 1931).

33. *Corn Feed Meal* is the fine siftings obtained in the manufacture of screened corn chop, screened ground corn or screened cracked corn, with or without its aspiration products added. (Adopted 1931).

34. *Corn Chop, Ground Corn or Cracked Corn* is the entire product made by grinding, cutting or chopping the grains of sound Indian corn, and may be fine, medium or coarse, and must not contain more than 4 per cent of foreign material. (Adopted 1931).

35. *Screened Corn Chop, Screened Ground Corn, or Screened Cracked Corn* is the coarse portion of corn chop, ground corn or cracked corn from which most of the fine particles have been removed, and must not contain more than 4 per cent of foreign material. (Adopted 1931).

36. *Corn Grits or Hominy Grits* is the product consisting of the fine or medium sized, hard flinty portions of sound Indian corn containing little or none of the bran or germ. (Adopted 1931).

37. *Ear Corn Chops* is corn and cob chopped, without the husk, with no greater proportion of cob than occurs in the ear corn in its natural state. (Adopted prior to 1928).

38. *Corn Gluten Meal* is that part of commercial shelled corn that remains after the separation of the larger part of the starch, the germ and the bran, by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles. (Adopted prior to 1928).

39. *Corn Gluten Feed* is that part of commercial shelled corn that remains after the separation of the larger part of the starch and the germs by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles. (Adopted prior to 1928).

40. *Maltose Process Corn Gluten Feed* is the dried residue from degermed corn, after removal of starch in the manufacture of malt syrup. (Adopted prior to 1928).

41. *Hominy Feed, Hominy Meal or Hominy Chop* is the kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the white corn kernel obtained in the manufacture of hominy, hominy grits, and cornmeal by the degerming process. (Adopted prior to 1928).

42. *Yellow Hominy Feed, Yellow Hominy Meal or Yellow Hominy Chop* is the kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the yellow corn kernel obtained in the manufacture of yellow hominy grits and yellow corn meal by the degerming process. (Adopted prior to 1928).

43. *Corn Oil Cake* consists of the corn germ from which part of the oil has been pressed and is the product obtained in the wet milling process of manufacture of corn starch, corn syrup, and other corn products. (Adopted prior to 1928).

44. *Corn Oil Meal* is ground corn oil cake. (Adopted prior to 1928).

45. *Corn Germ Cake* consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products. (Adopted prior to 1928).

46. *Corn Germ Meal* is ground corn germ cake. (Adopted prior to 1928).

47. *Corn Screenings* is the product consisting of the small light grains of corn, parts of grains of corn and, or, other cereals, and other materials having feeding value, obtained by screening shelled corn, excluding sand, dirt and other similar inert materials. (Adopted 1931).

## COTTONSEED PRODUCTS

48. *Cottonseed Meal* is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed meal that does not conform

to the foregoing definition and that does not contain at least 36 per cent of protein. Cottonseed meal shall be graded and classed as follows: (Adopted prior to 1928).

49. ...*Per Cent Protein Cottonseed Meal, Prime Quality*. Cottonseed meal, prime quality, must be finely ground, not necessarily bolted, of sweet odor, reasonably bright in color, yellowish, not brown or reddish, free from excessive lint, and shall contain not less than 36 per cent of protein. It must be designated and sold according to its protein content. Cottonseed meal with 36 per cent of protein must be termed "36 per cent Protein Cottonseed Meal, Prime Quality", and higher grades similarly designated e.g. "43 per cent Protein Cottonseed Meal, Prime Quality", etc. (Adopted prior to 1928).

50. ...*Per Cent Protein Cottonseed Meal, Off Quality*. Cottonseed meal not fulfilling the above requirement as to color, odor and texture must be graded "36 per cent Protein Cottonseed Meal, Off Quality", and higher grades similarly designated. (Adopted prior to 1928).

51. *Cottonseed Feed* is a mixture of cottonseed meal and cottonseed hulls, containing less than 36 per cent of protein. (Adopted prior to 1928).

52. ...*Per Cent Protein Whole Pressed Cottonseed, Prime Quality*, is the product resulting from subjecting the whole, sound, mature, clean undecorticated cottonseed to pressure for the extraction of oil, and includes the entire cottonseed less the oil extracted and the lint removed. It must be designated and sold according to its protein content. (Adopted 1932).

53. ...*Per Cent Protein Ground Whole Pressed Cottonseed, Prime Quality*, is whole pressed cottonseed, ground. It must be designated and sold according to its protein content. (Adopted 1932).

## GARBAGE

54. *Processed Garbage* is composed of dried animal and vegetable waste from garbage collected sufficiently often that harmful decomposition has not set in, and separated from material such as crockery and glass. Its odor must not be suggestive of the presence of decomposition and it must contain less than one per cent of glass. None of it shall contain knife-like or needle-like particles, and the maximum percentage of glass should be stated on the label when present in excess of one-fifth of one per cent. (Adopted prior to 1928).

## IVORY NUT PRODUCTS

55. *Ivory Nut Meal* is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut. (Adopted prior to 1928).

## LINSEED AND FLAX PRODUCTS

56. ...*Per Cent Protein Linseed Cake or Linseed Meal* is the product obtained in the removal of the oil from flaxseed; provided that the final product contains less than 6 per cent of weed seeds and other foreign materials; and provided, further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added. It shall not contain more than 0.5 per cent of acid insoluble ash. (Adopted 1933).

57. ...*Per Cent Protein Old Process Oil Meal or ... Per Cent Protein Old Process Linseed Meal* is oil meal as defined below, produced by crushing, cooking and hydraulic pressure. (Adopted prior to 1928).

58. ...*Per Cent Protein New Process Oil Meal or ... Per Cent Protein New Process Linseed Meal* is oil meal as defined below, produced by crushing, heating and the use of solvents. (Adopted prior to 1928).

59. *Flax Plant By-Product* is that portion of the flax plant remaining after the separation of the seed, the bast fiber and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem. (Adopted prior to 1928).

60. *Ground Flaxseed or Flaxseed Meal* is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; the final product must contain less than 4 per cent of weed seeds and other foreign materials, and no portion of the stated 4 per cent of weed seeds and other foreign materials shall be intentionally added. (Adopted prior to 1928).

61. *Unscreened Flaxseed Oil Feed Cake* is the product obtained by extraction of part of the oil from unscreened flaxseed by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents. The ingredients must be stated as "partially extracted flaxseed and foreign seeds (wheat, wild buckwheat, pigeon grass, wild mustard, etc.)." (Adopted prior to 1928).

62. *Ground Unscreened Flaxseed Oil Feed* is the ground unscreened flaxseed oil feed cake. (Adopted prior to 1928).

63. *Screenings Oil Feed* is the ground product obtained after extraction of part of the oil by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents from the smaller imperfect flaxseed, weed seeds and other foreign materials having feeding value, separated in cleaning flaxseed. The name of the grain from which the screenings are separated must be prefixed to "screenings oil feed." (Adopted prior to 1928).

64. *...Per Cent Protein Oil Cake* is the product obtained after the extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating and the use of solvents, from flaxseed which have been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process. When used alone the term "Oil Cake" shall be understood to designate linseed cake as defined. When used to cover any other products the name of the seed from which it is obtained must be prefixed to the words "Oil Cake." (Adopted prior to 1928).

65. *...Per Cent Protein Oil Meal or ... Per Cent Protein Ground Oil Cake* is oil cake ground to a meal. (Adopted prior to 1928).

## MARINE PRODUCTS

66. *Fish Meal (Feeding)* is clean, dried, ground tissues of undecomposed whole fish and/or fish cuttings with or without the extraction of part of the oil, and contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933).

67. *Fish Residue Meal (Feeding)* is the clean, dried, undecomposed residue from the manufacture of glue from non-oily fish, and contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933).

68. *Crab Meal (Feeding)* is prepared from the undecomposed dried waste of the crab industry and contains the shell, viscera and part or all of the flesh. It contains not less than 25 per cent of protein and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933).

69. *Shrimp Meal (Feeding)* is prepared from the undecomposed dried waste of the shrimp industry and contains the heads, hull and/or the whole shrimp and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933).

70. *Whale Meal (Feeding)* is prepared from the clean, dried undecomposed flesh of the whale, after part of the oil has been extracted. It contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933).

71. *Cod Liver Oil* is the product obtained by extraction of part of the oil from cod livers. (Adopted 1932).



72. *Sardine Oil or Pilchard Oil* is the product obtained by extraction of part of the oil from the whole Pacific sardine or pilchard or from cannery refuse of this species of fish. (Adopted 1932).

73. *Salmon Oil* is the product obtained by extraction of part of the oil from the cannery refuse of salmon. (Adopted 1932).

74. *Tuna Oil* is the product obtained by extraction of part of the oil from the cannery refuse of tuna. (Adopted 1932).

75. *Menhaden Oil* is the product obtained by extraction of part of the oil from whole Menhaden. (Adopted 1932).

76. *Herring Oil* is the product obtained by extraction of part of the oil from the whole herring or part of the herring. (Adopted 1933).

77. *Salmon Liver Oil* is the product obtained by extraction of part of the oil from Salmon livers. (Adopted 1933).

### MILK PRODUCTS

78. *Dried Buttermilk* (Feeding) is the product resulting from the removal of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added, excepting such as are necessary and permitted in the manufacture of butter. It contains not more than 8 per cent of moisture, not more than 13 per cent of mineral matter (ash), and not less than 5 per cent of butterfat, as determined by the Roesse-Gottlieb method. (Adopted 1932).

79. *Evaporated Buttermilk* (Feeding), *Concentrated Buttermilk* (Feeding) or *Condensed Buttermilk* (Feeding) is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains not less than 27 per cent of total solids, not less than 2 per cent of butterfat, and not more than .14 per cent of ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name, provided it is followed by one of the names given. (Adopted prior to 1928).

80. *Dried Skimmed Milk* (Feeding) is the product resulting from the removal of water from clean, sound skimmed milk. It contains not more than 8 per cent of moisture. (Adopted 1930).

81. *Dried Soured Skimmed Milk* (Feeding) is the product resulting from the removal of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not more than 8 per cent of moisture. (Adopted 1932).

82. *Evaporated Soured Skimmed Milk* (Feeding), *Concentrated Soured Skimmed Milk* (Feeding) or *Condensed Soured Skimmed Milk* (Feeding) is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not less than 27 per cent of total solids. (Adopted 1932).

83. *Condensed Skimmed Milk* (Feeding) is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk. It contains not less than 27 per cent of total solids. (Adopted 1930).

84. *Milk Sugar Feed or Dried Whey* (Feeding) is the by-product from the manufacture of cheese and should contain at least 70 per cent of lactose (milk sugar). (Adopted 1932).

### MINERAL FEEDS

85. Mixed feeds containing both feed and more than 5 per cent of mineral ingredients require, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the minimum percentages of lime expressed as (CaO), phosphoric acid expressed as ( $P_2O_5$ ), iodine (I), and the maximum percentage of salt (NaCl) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

In mineral feeds containing no organic ingredient, the usual chemical feed guarantee need not be made. A declaration should be made of each ingredient contained therein and the minimum percentage of lime expressed as (CaO), phosphoric acid expressed as ( $P_2O_5$ ), iodine (I), and the maximum percentage of salt (NaCl) if same be present.

The mineral ingredients should be stated in the common English terms, if any such terms exist.

It being impossible to classify separately the drug ingredients and the mineral ingredients, be it resolved:

(a) That all mixtures containing mineral ingredients generally regarded as dietary factors essential for the normal nutrition of animals and which are sold or represented for the primary purpose of supplying these minerals as additions to rations in which these same mineral factors may be deficient, be classified as mineral feeds.

(b) That all other preparations which are sold or represented primarily for the cure, mitigation or prevention of disease be classified by this Association as drugs, medicines or specifics. (Adopted prior to 1928).

### OAT PRODUCTS

86. *Oat Hulls* is the product consisting of the outer covering of the oat. (Adopted prior to 1928).

87. *Oat Middlings* is the product consisting of the floury portions of the oat groat obtained in the milling of rolled oats. (Adopted prior to 1928).

88. *Oat Shorts* is the product consisting of the covering of the oat grain lying immediately inside the hull, being a fuzzy material carrying with it considerable portions of the fine floury part of the groat obtained in the milling of rolled oats. (Adopted prior to 1928).

89. *Oat Chop, Ground Oats, Pulverized Oats, Crushed Oats, or Crimped Oats* consists of the entire product made by chopping, cutting, grinding, crushing, or crimping whole oats. (Adopted 1931).

90. *Oat Groats* are the kernels produced from cleaned and dried oats in the process of manufacturing oat meal. (Adopted 1931).

91. *Hulled Oats, or Undried Oat Groats* are the kernels produced from the undried grain in the process of hulling oats. (Adopted 1931).

92. *Oat Meal, or Ground Oat Groats* is the product produced by cutting, cracking or grinding oat groats. (Adopted 1931).

93. *Rollled Oat Groats or Rolled Oats* is the product obtained in the process of rolling oat groats. (Adopted 1931).

94. *Clipped Oat By-Products* is the by-product obtained in the manufacture of clipped oats. It may contain the light chaffy material broken from the end of the hulls, empty hulls, light immature oats and dust. It must not contain an excessive amount of oat hulls. (Adopted prior to 1928).

95. *Oat Mill Feed* (Oat Hulls, Oat Shorts and Oat Middlings) is the entire by-product in the manufacture of oat groats and consists of oat hulls, oat shorts and oat middlings. If used in a mixed feed, it shall be called Oat Mill Feed (Oat Hulls, Oat Shorts and Oat Middlings). (Adopted 1932).

### PALM PRODUCTS

96. *Palm Kernel Oil Meal* is the ground residue from the extraction of part of the oil by pressure or solvents from the kernel of the fruit of *Elaeis guineensis* or *Elaeis molanococco*. (Adopted prior to 1928).

### PEANUT PRODUCTS

97. *...Per Cent Protein Peanut Oil Cake* is the residue after the extraction of part of the oil by pressure or solvents from peanut kernels. (Adopted prior to 1928).

98. *...Per Cent Protein Peanut Oil Meal* is ground peanut oil cake. (Adopted prior to 1928).

99. *Unhulled Peanut Oil Feed* is the ground residue obtained after extraction of part of the oil from whole peanuts, and the ingredients must be designated as *Peanut Meal and Hulls*. (Adopted prior to 1928).

### RICE PRODUCTS

100. *Rice Bran* is the pericarp or bran layer of the rice, with only such quantity of hull fragments as is unavoidable in the regular milling of rice. (Adopted prior to 1928).

101. *Rice Hulls* is the product consisting of the outer coverings of the rice. (Adopted prior to 1928).

102. *Rice Polish* is the finely powdered material obtained in polishing the kernel. (Adopted prior to 1928).

103. *Rice Meal* is ground brown rice or ground rice after the hull has been removed. (Adopted prior to 1928).

104. *Ground Rough Rice* is ground rice from which the hull has not been removed or ground paddy rice. (Adopted prior to 1928).

105. *Rice Stone Bran* is the siftings from the materials secured in removing hulls from rice and contains rice germs, broken rice and some rice hulls. (Adopted prior to 1928).

106. *Rice Huller Bran* is a product secured by the huller and cones from brown rice and consists mostly of the bran and germs. (Adopted prior to 1928).

### RYE PRODUCTS

107. *Rye Bran* is the coarse outer covering of the rye kernel as separated from the cleaned and scoured rye. (Adopted prior to 1928).

108. *Rye Feed* is a by-product obtained in the usual process of the milling of rye flour from cleaned and scoured rye grain, consisting principally of the mill-run of the outer covering of the rye grain and the germ with small quantities of flour and aleurone. (Adopted prior to 1928).

109. *Rye Red Dog* is a by-product obtained in the usual process of the milling of rye flour, consisting principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 3.5 per cent of crude fiber. (Adopted prior to 1928).

110. *Rye Low-Grade Feed Flour* consists principally of dark rye flour and small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent of crude fiber. (Adopted prior to 1928).

111. *Rye Middlings* consists of rye feed and rye red dog combined in the proportions obtained in the usual process of milling rye flour. (Adopted prior to 1928).

112. *Rye Flour Middlings* consist of rye feed, rye red dog and pure dark rye flour combined in the proportions obtained in the milling of rye flour and must not contain more than 5 per cent of crude fiber. (Adopted prior to 1928).

### SORGHUM PRODUCTS

113. *Head Chops* is the product consisting of the entire heads of the grain sorghums chopped, and should bear the name of the sorghum from which it is made. This includes, among others, kaffir head chops, milo head chops, feterita head chops, and sorghum head chops. (Adopted prior to 1928).

114. *Head Stems* is the product consisting of the stems from the heads of the grain sorghums after the grain has been removed, and should bear the name of the sorghum from which it is made. (Adopted prior to 1928).

### SOYBEAN PRODUCTS

115. *Ground Soybeans* is the product obtained by grinding whole soybeans without cooking or removing any of the oil. (Adopted 1933).

116. ...*Per Cent Protein Soybean Oil Cake or Soybean Oil Chips* is the product obtained by crushing, cooking and removing part of the oil from soybeans. (Adopted 1933).

117. ...*Per Cent Protein Soybean Oil Meal* is ground soybean oil cake or ground soybean oil chips. (Adopted 1933).

### VELVET BEAN PRODUCTS

118. *Velvet Bean Meal* is ground velvet beans containing only an unavoidable trace of hulls or pods. (Adopted prior to 1928).

119. *Ground Velvet Bean and Pod* is the product derived by grinding velvet beans with the pod. It contains no additional pods or other materials. (Adopted prior to 1928).

### WHEAT PRODUCTS

120. *Wheat Bran* is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling. (Adopted prior to 1928).

121. *Standard Middlings* consists mostly of fine particles of bran, germ, and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 9.5 per cent of crude fiber. (Adopted prior to 1928).

122. *Flour Middlings* shall consist of standard middlings and red dog flour combined in the proportions obtained in the usual process of milling and must not contain more than 6.0 per cent of crude fiber. (Adopted prior to 1928).

123. *Wheat Red Dog* is a by-product obtained in the usual commercial process of flour milling, consisting principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 4.0 per cent of crude fiber. (Adopted prior to 1928).

124. *Wheat Low-Grade Feed Flour* is a by-product obtained in the usual commercial process of flour milling, consisting principally of flour with small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent of crude fiber. (Adopted prior to 1928).

125. *Wheat Bran and Standard Middlings* consists of the two commodities as defined above, mixed in the proportions obtained in the usual process of commercial milling. (Adopted prior to 1928).

126. *Hard Wheat Mixed Feed* (mill-run wheat feed) consists of pure wheat bran and flour middlings combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 9.5 per cent of crude fiber. (Adopted prior to 1928).

127. *Brown Shorts* (Red Shorts) consists mostly of the fine particles of bran, germ and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 7.5 per cent of crude fiber. (Adopted prior to 1928).

128. *Gray Shorts* (Gray Middlings or Total Shorts) consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal or fibrous materials obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling and must not contain more than 6.0 per cent of crude fiber. (Adopted prior to 1928).

129. *White Shorts or White Middlings* consists of a small portion of the fine bran particles and the germ and a large portion of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual process of flour milling and must not contain more than 3.5 per cent of crude fiber. (Adopted prior to 1928).

130. *Wheat Mixed Feed* (Mill-run wheat feed) consists of pure wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 8.5 per cent of crude fiber. (Adopted prior to 1928).

131. *Screenings* consists of the smaller imperfect grains, weed seeds, and other foreign materials, having feed value, separated in cleaning the grain. (Adopted prior to 1928).

132. *Scouring* consists of such portions of the cuticle, brush, white caps, dust, smut and other materials as are separated from the grain in the usual commercial process of scouring. (Adopted prior to 1928).

NOTE: If to any of the wheat or rye by-product feeds there should be added screenings or scourings—as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as clearly to indicate this fact. The word “Screenings” or “Scourings”, as the case may be, shall appear as part of the name or brand and shall be printed in the same size and face of type as the remainder of the brand name. When the word “Screenings” appears it is not necessary to show also on the label the word “Scourings.” (Adopted prior to 1928).

## REGISTRATIONS

*For the period January 1, 1933 to December 31, 1934*

One hundred and eighty-eight firms and individuals registered 1,022 brands of feeding stuffs. As required by Statute these registrations are listed as follows:

### **Acme-Evans Co., Indianapolis, Ind.**

Acme Hominy Feed

### **Albers Bros. Milling Co., Seattle, Wash.**

Calf Manna

### **Alfalfa Products Co., 832—7th St., San Francisco, Calif.**

Alfalfa Leaf Meal

### **Allied Mills, Inc., Chicago, Ill.**

Amco 20% Dairy Ration

Amco 24% Dairy Ration

Amco 20% National Dairy Ration

Amco 16½% Sucrene Dairy Ration

Amco 32% Supplement Dairy Ration

Amco 12% Fitting Ration

Arab Horse Feed

Brewers' Dried Grains

Emergency Hog Feed

Empire Egg Mash

Empire 20% Dairy Ration

Empire 24% Dairy Ration

June Pasture

Pure Corn and Oats Provender

Red Feather Egg Mash

Red Feather Scratch Feed

Screened Cracked Corn

Wayne All Mash Chick Starter

Wayne All Mash Chick Starter with Cod Liver Oil and Sardine Oil

Wayne All Mash Grower

Wayne All Mash Grower with Cod Liver Oil and Sardine Oil

Wayne Broiler Ration

Wayne Calf Meal

Wayne Chick Feed

Wayne Egg Mash

Wayne Egg Mash with Cod Liver Oil and Sardine Oil

Wayne Intermediate Scratch Feed

Wayne 26% Mash Supplement

Wayne Pig Meal

**Allied Mills, Inc., Chicago, Ill.—(Continued)**

Wayne Poultry Fattener  
Wayne Scratch Feed  
Wayne Starter and Grower  
Wayne Supreme Horse Feed  
Wayne Turkey Mash  
Wayne 25% Turkey Starting Mash

**American Maize-Products Co., 100 E. 42nd St., New York City**

Cream of Corn Gluten Feed

**Anchor Mills, Hagerstown, Md.**

Zip Egg Mash

**Anheuser-Busch, Inc., St. Louis, Mo.**

Anheuser-Busch Corn Gluten Feed

**Arcady Farms Milling Co., 223 W. Jackson Blvd., Chicago, Ill.**

Advanced Registry Dairy Feed  
Arcady All Mash Chick Starter & Grower  
Arcady Besbet Growing Mash  
Arcady Besbet Laying Mash  
Arcady Besbet Starting Mash  
Arcady Open Formula Production Ration  
Arcady 24% Open Formula Production Ration  
Arcady Scratch Grains  
Arcady Stock Feed  
Economy Egg Mash  
Milkers Ready Ration  
Old Colony Feed  
Producer's 20% Ready Ration  
Riverside Scratch Grains  
Wonder Horse & Mule Feed

**Archer-Daniels-Midland Co., Minneapolis, Minn.**

Midland Linseed Meal and Flaxseed Screenings Oilfeed (30%)  
Pure Old Process Linseed Meal (32%)  
Pure Old Process Linseed Meal (34%)  
Pure Old Process Linseed Meal (37%)  
Pure Old Process Soybean Oil Meal

**Ashcraft-Wilkinson Co., Atlanta, Ga.**

Helmet Brand—Prime Cottonseed Meal  
Monarch Brand—Prime Cottonseed Meal  
Paramount Brand—Prime Cottonseed Meal

**E. W. Bailey & Co., Montpelier, Vt.**

Bailey's 16% Dairy Ration  
Bailey's Fitting Ration  
Capital Dairy Ration  
Capital Mixed Feed  
Favorite Dairy Ration  
Our 20% Special Dairy Ration  
Pennant Brand Chick Starter  
Pennant Brand Coarse Chick Feed  
Pennant Brand Fine Chick Feed  
Pennant Brand Growing Feed  
Pennant Brand Laying Mash  
Pennant Brand Laying Mash (with Cod Liver Meal)  
Pennant Scratch Feed

**E. W. Bailey & Co., Montpelier, Vt.—(Continued)**

Pennant Brand Stock Feed  
 Pennant Horse Feed  
 Pennant Mixed Feed  
 Sweetened Bailey's 16% Dairy Ration  
 Sweetened Bailey's Fitting Ration  
 Sweetened Capital Dairy Ration  
 Sweetened Favorite Dairy Ration  
 Sweetened with Molasses Pennant

**The Beacon Milling Co., Inc., Cayuga, N. Y.**

Auburn Dairy Feed  
 Beacon Breeders Mash with Buttermilk  
 Beacon Broiler Feed  
 Beacon Calf Meal  
 Beacon's Cayuga Developer Feed  
 Beacon's Cayuga Growing Mash  
 Beacon's Cayuga Horse Feed  
 Beacon's Cayuga Laying Mash with Buttermilk  
 Beacon's Cayuga Scratch Feed  
 Beacon Chick Feed  
 Beacon Complete Starting Ration  
 Beacon Dairy Ration  
 Beacon Egg Mash with Buttermilk  
 Beacon Fitting Ration  
 Beacon Fleshing Mash and Crate Fattener  
 Beacon Growing Mash  
 Beacon Horse Feed  
 Beacon Pheasant-Quail Starter and Grower Mash  
 Beacon Scratch Grains  
 Beacon Special Coccidiosis Mash  
 Beacon Special Scratch Grains  
 Beacon Sweet '20'  
 Beacon Sweet '24'  
 Beacon Turkey Growing Feed  
 Beacon Turkey Starter  
 Beacon '20'  
 Cayuga Stock Feed  
 Corn and Oats Chop

**Bisbee Linseed Co., Broad & Chestnut Sts., Philadelphia, Pa.**

Bisbee Brand Pure Old Process Linseed Meal

**Black Rock Milling Corp., Buffalo, N. Y.**

Bidwell Dry-Mash  
 Bidwell 20% Dairy Ration  
 Bidwell 24% Dairy Ration  
 Bidwell Scratch Feed  
 Paramount 20% Dairy Ration

**Blatchford Calf Meal Co., Waukegan, Ill.**

Blatchford's Calf Meal

**Blatz Brewing Co., Milwaukee, Wis.**

Blatz Brewers Dried Grains

**Borden Sales Co., Inc., 350 Madison Ave., New York City.**

Borden's Anilac

**Amos D. Bridge's Sons, Inc., Hazardville, Conn.**

Success Dairy Ration

**L. Broder Grain Store, Colchester, Conn.**

L. B. Milk Ration

**C. Buckingham & Co., Inc., Southport, Conn.**

C. B. Dairy

C. B. 20% Dairy

C. B. Egg Mash

C. B. Growing Mash

C. B. Scratch

C. B. Starter

**C. E. Buell, Inc., 6 Beacon St., Boston, Mass.**

"Buell-Boston" Dried Skim Milk

**C. W. Burckhalter, Inc., 177 Franklin St., New York City.**

Burck Brand Dried Buttermilk

Burck Brand Powdered Skim Milk

**Cairo Meal & Cake Co., Cairo, Ill.**

"Miss Cairo" Brand 41% Cottonseed Meal

**Caledonia Mills, Inc., St. Johnsbury, Vt.**

Brooks' Fancy Mixed Feed

**C. W. Campbell Co., Westerly, R. I.**

Camco Horse Feed

Campbell Fitting Ration

Egg-O Chick Feed

Egg-O Chick Starter

Egg-O Growing Feed

Egg-O Intermediate

Egg-O Laying Mash

Egg-O Scratch

Egg-O Turkey Grower

Milky Ration

No-Botheration Dairy

Provender

Xtra Vim Molasses Horse Feed

**A. B. Caple Co., Toledo, Ohio.**

Alfalfa Meal

**Center Milk Products Co., Middlebury Center, Pa.**

Vita Brand Dried Skim Milk

**The Chapman-Doake Co., Decatur, Ill.**

Hominy Feed

**Clinton Corn Syrup Refining Co., Clinton, Iowa.**

Clinton Corn Gluten Feed

**Herbert K. Clofine, 509 Bulletin Bldg., Philadelphia, Pa.**

Supreme Brand Poultry Feed



**Clyde Renco Milling Corp., Clyde, N. Y.**  
 "Renco Scratch Feed"

**Coles Co., Middletown, Conn.**

Capital 20% Molasses Dairy Feed  
 Fortune Chick Starter  
 Fortune Egg Mash with Dried Buttermilk  
 Fortune Growing Feed with Cod Liver Oil  
 Fortune Intermediate Scratch  
 Fortune Scratch Feed  
 Selco 24% Molasses Dairy Feed

**Collis Products Co., St. Paul, Minn.**

Collis Process Dried Buttermilk

**Commander-Larabee Corp., Minneapolis, Minn.**

Sunfed Red Dog  
 Sunfed Wheat Bran with ground screenings not exceeding mill run  
 Sunfed Wheat Standard Middlings with ground screenings not exceeding mill run

**G. E. Conkey Co., Cleveland, Ohio.**

Conkey's All Grain Horse & Mule Feed (with Linseed Meal, Molasses & Salt)  
 Conkey's All Mash Chick Ration with Y-O  
 Conkey's Dairy Feed 24% Protein  
 Conkey's Gecco Chick Grains  
 Conkey's Gecco Dairy Feed 20% Protein  
 Conkey's Gecco Egg Mash  
 Conkey's Gecco Egg Mash with Y-O  
 Conkey's Gecco Growing Grains  
 Conkey's Gecco Growing Mash  
 Conkey's Gecco Growing Mash with Buttermilk and Y-O  
 Conkey's Gecco Scratch Grains  
 Conkey's Geccofat Station Fattener  
 Conkey's Scratch Grains  
 Conkey's (The Original) Starting Feed with Buttermilk and Y-O  
 Superior Scratch Grains

**Connecticut Fat Rendering & Fertilizer Corp., West Haven, Conn.**

Meat Scrap 45%

**Consolidated Rendering Co., 178 Atlantic Ave., Boston, Mass.**

Corenco Bone Meal, an All Animal Feed for Cattle, Hogs and Poultry  
 Corenco Cod & Haddock Meal  
 Corenco 45% Meat and Bone Scrap  
 Corenco 50% Meat Scrap  
 Corenco 55% Meat Scrap  
 Corenco 60% Meat Scrap

**Consumers Food Stores, Inc., 478 Water St., Bridgeport, Conn.**

Gold Bond "All-Mash" Starter  
 Gold Bond Baby Chick Feed  
 Gold Bond 16% Dairy Feed  
 Gold Bond 20% Dairy Feed  
 Gold Bond 24% Dairy Feed  
 Gold Bond Egg Mash  
 Gold Bond Growing Mash  
 Gold Bond Horse Feed

**Consumers Food Stores, Inc., 478 Water St., Bridgeport, Conn.—(Continued)**  
Gold Bond Intermediate Chick Feed  
Gold Bond Scratch Feed

**Consumers Import Co., Inc., 115 Broad St., New York City.**  
Cico Bone Meal

**Corn Products Sales Co. of Corn Products Mfg. Co., 17 Battery Place,  
New York City.**  
Buffalo Corn Gluten Feed  
Diamond Corn Gluten Meal

**E. A. Cowee Co., Fitchburg, Mass.**  
Coweco Growing Mash  
Coweco Laying Mash  
Coweco 20% Ration  
Coweco Scratch Feed

**C. A. Cowles, Inc., Plantsville, Conn.**  
C. A. Blue Seal Mash  
Cowles 20% Dairy Ration  
Cowles 24% Dairy Ration  
Cowles Molasses Horse Feed

**Chas. M. Cox Co., Boston, Mass.**  
Lake Woods Wheat Bran  
Ogilvie's Wheat Bran (Manufactured by Ogilvie Flour Mills Co., Ltd.,  
Montreal, Canada)  
Ogilvie's Wheat Shorts (Manufactured by Ogilvie Flour Mills Co., Ltd.,  
Montreal, Canada)

**Crosby Milling Co., Brattleboro, Vt.**  
Crosby's Scratch Feed  
Crosby's Stock Feed

**P. Cutler, Inc., Colchester, Conn.**  
Prosperity Dairy Ration  
Prosperity Economy Dairy Ration  
Prosperity Laying Mash  
Prosperity Scratch Feed  
Prosperity Special Dairy Feed  
Prosperity Stock Feed

**Dairymen's League Co-operative Assoc., Inc., 11 West 42nd St., New York City.**  
Dairylea Choice Feed Grade Dried Skim Milk

**R. G. Davis & Sons, Inc., New Haven, Conn.**  
Basic Dairy Ration  
Davis Buttermilk Mash  
Davis Horse Feed  
Davis No. 1 Provender  
Davis Scratch Feed  
Davis Stock Feed  
20% Open Formula

**Decatur Milling Co., Inc., Decatur, Ill.**  
Homco

**Delaware Mills, Inc., Deposit, N. Y.**

Delaware All Mash Chick Starter  
 Delaware Chick Grains  
 Delaware Chick Starting-Mash (with Dried Buttermilk)  
 Delaware Dairy Feed  
 Delaware Growing Mash (with Dried Skim Milk)  
 Delaware 85% Horse Feed  
 Delaware Intermediate Chick Grains  
 Delaware Scratch Grains  
 Delaware Stock Feed  
 Delaware Sweet 24% Dairy Feed  
 Delco Sweet 20% Dairy Feed  
 Double Circle Scratch Grains  
 Indian Growing Mash (with Dried Skim Milk)  
 Indian Laying Mash (with Dried Skim Milk)

**The Denver Alfalfa Milling & Products Co., Lamar, Colo.**

Alfalfa Meal  
 Alfalfa Leaf Meal

**Dietrich & Gambrill, Inc., Frederick, Md.**

D. & G. Dairy Feed  
 Frederick Growing Mash  
 Frederick Laying Mash  
 Frederick Stock Feed  
 Gambrill's Chick Feed  
 Gambrill's Chick Starter  
 Gambrill's Growing Mash  
 Gambrill's Horse Feed  
 Gambrill's Laying Mash  
 Gambrill's Scratch Feed  
 Pen Mar Dairy Feed

**Duluth-Superior Milling Co., Minneapolis, Minn.**

Duluth Imperial Wheat Bran with ground screenings  
 Wheat Standard Middlings with ground screenings not exceeding mill run

**Eagle Roller Mill Co., New Ulm, Minn.**

Eagle Pure Wheat Bran  
 Eagle Wheat Standard Middlings with ground screenings not exceeding mill run

**Eastern States Farmers' Exchange, Springfield, Mass.**

Eastern States Combination Mash  
 Eastern States Controller Mash  
 Eastern States Developer Mash  
 Eastern States Developer Mash with Oil  
 Eastern States Fitting Ration  
 Eastern States Fulpail Dairy Ration  
 Eastern States Highland 12  
 Eastern States Highland 16  
 Eastern States Highland 20  
 Eastern States Horse and Calf Ration  
 Eastern States Intermediate Scratch Grains  
 Eastern States Milkmore Dairy Ration  
 Eastern States Producer Mash  
 Eastern States Producer Mash with Oil  
 Eastern States Scratch Grains with Coarse Cracked Corn  
 Eastern States Sixteen Dairy Ration  
 Eastern States Starting and Broiler Ration with Oil

**Eastern States Farmers' Exchange, Springfield, Mass.—(Continued)**

Eastern States Turkey-Fat  
Eastern States Turkey-Grow  
Eastern States Turkey-Start

**B. A. Eckhart Milling Co., 1300 Carroll Ave., Chicago, Ill.**

Pure Wheat Bran  
Standard Wheat Middlings and Screenings not exceeding mill run

**Elmore Milling Co., Inc., Oneonta, N. Y.**

Elmore Chick Feed  
Elmore Chixsaver  
Elmore Complete Broiler Ration  
Elmore Complete Starting and Growing Ration  
Elmore Eggmaker  
Elmore Egg Mash  
Elmore Growing Mash  
Elmore Horse Feed with Molasses  
Elmore Intermediate Chick Feed  
Elmore Milk Grains  
Elmore Milk Grains Junior  
Elmore Scratch Feed  
Elmore Stock Feed  
Elmore's Sugared Feedall  
Elmore's 32% Supplemental Dairy Ration  
Elmore's Sweet Digesto Dairy Feed  
Elmore "Three Point" Calf Meal  
Elmore-Waldorf Formula  
Elmore's "Xtragood" Wheat Feed with ground screenings not exceeding mill run  
Granger 20% Dairy Ration  
Granger 24% Dairy Ration  
R-Own Egg Mash

**John W. Eshelman & Sons, Lancaster, Pa.**

Certified 20% Dairy Ration  
Eshelman Certified 24% Dairy Ration  
Eshelman Challenge Dairy Feed  
Eshelman Choice Mixed Wheat Feed  
Eshelman Conestoga 20 Dairy Feed  
Eshelman Conestoga Horse Feed  
Eshelman Dried Beet Pulp  
Eshelman Garden Spot Horse Feed  
Eshelman Golden Rod 25 Dairy Feed  
Eshelman Lancaster 20 Dairy Feed  
Eshelman Lancaster 60 Horse Feed  
Eshelman Lancaster Scratch Grains  
Eshelman Liberty Horse Feed  
Eshelman Open Formula 20 Dairy Feed  
Eshelman Pennsy Chick Grains  
Eshelman Pennsy 16 Dairy Feed  
Eshelman Pennsy Laying Mash  
Eshelman Pennsy Scratch Grains  
Eshelman Red Rose Alfalfa Meal  
Eshelman Red Rose All Mash Starter  
Eshelman Red Rose Calf Starter  
Eshelman Red Rose Chick Grains  
Eshelman Red Rose Chick Starter  
Eshelman Red Rose 24 Dairy Feed  
Eshelman Red Rose Fattening Mash

**John W. Eshelman & Sons, Lancaster, Pa.—(Continued)**

Eshelman Red Rose Growing Mash  
 Eshelman Red Rose Growing Mash—Cod Liver Oil  
 Eshelman Red Rose Hog Meal  
 Eshelman Red Rose 85 Horse Feed  
 Eshelman Red Rose Laying Mash  
 Eshelman Red Rose Laying Mash with Cod Liver Oil  
 Eshelman Red Rose Pure Ground Corn and Oats  
 Eshelman Red Rose Scratch Grains  
 Eshelman Red Rose Stock Feed  
 Eshelman Red Rose Turkey Mash  
 Eshelman Red Rose Wheat Flour Middlings with screenings not exceeding mill run  
 Eshelman SOS Feed  
 Eshelman Steam Cooked Horse Feed  
 Eshelman Wheat Red Dog with screenings not exceeding mill run

**Evans Milling Co., Indianapolis, Ind.**

Emco Hominy Feed  
 Evans 41% Soybean Cake Meal

**Excelsior Milling Co., Minneapolis, Minn.**

Pure Camel Fancy Wheat Feed

**The Fairchild Milling Co., Cleveland, Ohio.**

Wheat Bran with ground screenings not exceeding mill run  
 Wheat Standard Middlings with ground screenings not exceeding mill run

**The Fairmont Creamery Co., Omaha, Neb.**

Fairmont's Better Pure Flake Buttermilk

**Farmers Feed Co., 532 E. 76th St., New York City.**

"Bull Brand" Dried Brewers Grains  
 Dried Brewers Grains with Molasses "Bull Brand"

**Faroll Brothers, 50 Broadway, New York City.**

Wheat Standard Bran (with ground screenings not exceeding mill run)  
 Wheat Standard Middlings

**Fernando Valley Milling & Supply Co., Los Angeles, Calif.**

Fernando Alfalfa Meal, Fine Ground  
 Fernando Alfalfa Stock Meal  
 Fernando Ideal Greens, Suncured

**First National Stores, Inc., 5 Middlesex Ave., Somerville, Mass.**

Henfield Egg Mash  
 Henfield Scratch Grains

**Flory Milling Co., Inc., Bangor, Pa.**

Blue Mountain Horse Feed  
 Corn Feed Meal  
 Flory's All-Mash Chick Starter  
 Flory's All-Mash Growing Ration  
 Flory's Baby Chick Feed  
 Flory's Egg Mash  
 Flory's Growing Mash with Cod Liver Oil  
 Flory's Horse Feed  
 Flory's Intermediate Chick Feed  
 Flory's Stock Feed

**Flory Milling Co., Inc., Bangor, Pa.—(Continued)**

Golden Egg Laying Mash  
Golden Egg Laying Mash with Cod Liver Oil  
Golden Egg Scratch Feed  
Ground Corn and Oats  
Record Dairy Feed  
Reddog Flour  
Sunray Dairy Feed  
Sunray Laying Mash  
Sunray Scratch Feed

**A. W. Forbes, East Haven, Conn.**

R-Own Dairy Ration  
R-Own Laying Mash  
R-Own Scratch Feed

**Forbes Bros.—Central Mills, Inc., Topeka, Kansas.**

Hominy Feed

**J. A. Forrest, 819 Security Bldg., Minneapolis, Minn.**

Alpine Ground Feeding Oatmeal  
Lake Woods Wheat Shorts  
Pioneer Pure Wheat Bran

**J. B. Garland & Son, Worcester, Mass.**

Garland's Economy 20% Dairy Ration with Cane Molasses  
Garland's Growing Mash with Dried Milk  
Garland's Poultry Mash with Dried Milk  
Royal Worcester Complete Ration with Cane Molasses  
Royal Worcester Scratch Feed

**General Commodity Corp., 409 Chamber of Commerce Bldg., Buffalo, N. Y.**

"Bison" Dried Skimmilk  
Old Sol Dried Buttermilk  
Old Sol Dried Skimmilk

**General Mills, Inc., Minneapolis, Minn.**

Eventually Gold Medal Chick Feed—No Grit  
Eventually Gold Medal Chick Ration  
Eventually Gold Medal Dairy Ration  
Eventually Gold Medal Developing Feed—No Grit  
Eventually Gold Medal Egg Mash for Breeding and Laying with Dried Buttermilk  
Eventually Gold Medal Growing Mash—with Dried Buttermilk  
Eventually Gold Medal Scratch Feed—No Grit  
Washburn's Gold Medal Fancy Mixed Feed  
Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings  
Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings  
Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings  
Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog

**Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.**

Gorton's Codfish Meal

**D. H. Grandin Milling Co., Jamestown, N. Y.**

Grandin's Baby Chick Feed  
Grandin's Baby Chick Starter with Buttermilk—Cod Liver Oil

**D. H. Grandin Milling Co., Jamestown, N. Y.—(Continued)**

Grandin's 24% Balanced Dairy Ration  
 Grandin's Combined Chick and Broiler Ration  
 Grandin's Complete Starting Ration with Buttermilk—Cod Liver Oil  
 Grandin's 32% Dairy Feed  
 Grandin's Growing Mash with Buttermilk  
 Grandin's Growing Mash with Buttermilk—Cod Liver Oil  
 Grandin's Intermediate Chick Feed  
 Grandin's Laying Mash with Buttermilk  
 Grandin's Laying Mash with Buttermilk—Cod Liver Oil  
 Grandin's Milk Maker  
 Grandin's Poultry Green Food  
 Grandin's Screened Scratch Feed  
 Grandin's Stock Food  
 Grandin's Sweetened 20% Dairy Feed  
 Grandin's Sweetened Horse Feed  
 Grandin's 12 Twin Six 12 Dairy Feed  
 M-S (Money Saver) 20% Sweet Dairy Feed  
 M-S (Money Saver) 24% Sweet Dairy Feed

**Grand Union Co., 233 Broadway, New York City.**

Peerless All Mash Chick Starter & Grower  
 Peerless Chick Grains  
 Peerless Laying Mash  
 Peerless Scratch Grains

**Great Atlantic & Pacific Tea Co., 1104 Hodgson Bldg., Minneapolis, Minn.**

Daily Egg Mash Feed  
 Daily Egg Scratch Feed  
 Daily Growth Chick Starter  
 Daily Growth Fine Chick Feed  
 Daily Growth Growing Mash  
 Milky Way Dairy Feed 20%

**Hales & Hunter Co., 166 West Jackson Blvd., Chicago, Ill.**

College Horse Feed  
 H. & H. White Stock Feed  
 Red Comb Broiler Mash with Dried Buttermilk  
 Red Comb Chick Starter with Dried Buttermilk  
 Red Comb Coarse Chick  
 Red Comb Crate Fattener with Rolled Oats  
 Red Comb Egg Mash with Dried Buttermilk  
 Red Comb Fine Chick  
 Red Comb Growing Mash with Dried Buttermilk  
 Red Comb Scratch Feed  
 Red Horn 20% Dairy Feed

**Frank B. Ham & Co., Ltd., Royal Bank Bldg., Toronto, Canada.**

"Hamco" Wheat Bran  
 "Hamco" Wheat Shorts

**J. B. Ham Co., Auburn, Maine.**

Farmer Boy All Mash Starter and Grower with Dried Skim Milk  
 and Cod Liver Oil  
 Farmer Boy Chick Scratch Feed  
 Farmer Boy 18% Dairy Ration with Molasses  
 Farmer Boy 20% Dairy Ration with Molasses  
 Farmer Boy 24% Dairy Ration with Molasses  
 Farmer Boy Egg Mash with Dried Skim Milk and Cod Liver Oil  
 Farmer Boy Growing Mash with Dried Skim Milk and Cod Liver Oil

**J. B. Ham Co., Auburn, Maine.—(Continued)**

Farmer Boy Horse Feed  
Farmer Boy Intermediate Scratch Feed  
Farmer Boy Scratch Feed  
Farmer Boy Starting Mash with Dried Skim Milk and Cod Liver Oil  
Farmer Boy Stock Feed

**William Hamilton & Son, Inc., Caledonia, N. Y.**

Standard Wheat Bran with ground screenings not exceeding mill run  
Standard Wheat Middlings

**Dwight Hamlin Co., Pittsburgh, Pa.**

Hamlin's Dried Brewers Grains

**Hecker H-O Company, Inc., Buffalo, N. Y.**

Oat Mill Feed

**Hecker-Jones-Jewell Milling Div. of Standard Milling Co., 503 Seneca St., Buffalo, N. Y.**

Choice Wheat Bran with ground screenings not exceeding mill run  
Wheat Red Dog  
Wheat Standard Middlings with ground screenings not exceeding mill run

**Hirst & Begley Linseed Works, 2013 Mendel St., Chicago, Ill.**

Pure Old Process Linseed Meal

**Hoosier Condensed Milk Co., Bluffton, Ind.**

Mil-Ko-Lac

**Humphreys-Godwin Co., Memphis, Tenn.**

Bull Brand 43% Protein Prime Cottonseed Meal  
Dixie Brand 41% Protein Prime Cottonseed Meal

**Imperial Grain & Milling Co., Toledo, Ohio.**

Imperial Steam Cooked Feed

**International Milling Co., Minneapolis, Minn.**

Blackhawk Pure Wheat Bran  
Blackhawk Wheat Red Dog  
Blackhawk Wheat Standard Middlings with ground screenings not exceeding mill run

**Jersee Co., Minneapolis, Minn.**

Just Right Egg Mash

**Jones & Quinn, Inc., Produce Exchange, New York City.**

Wheat Bran (Product of Argentine) with wheat screenings  
Wheat Standard Middlings (Product of Argentine) with wheat screenings

**The Kansas Flour Mills Corp., Kansas City, Mo.**

Big Flake Pure Wheat Bran

**Spencer Kellogg & Sons, Inc., Buffalo, N. Y.**

Diamond K Linseed Meal with Flaxseed Screenings Oil Feed 30% Protein  
Kellogg's 34% Protein Pure Old Process Linseed Meal  
Kellogg's 37% Protein Pure Old Process Linseed Meal



**Kellogg Co., Battle Creek, Mich.**

White Hominy Feed

**Kelloggs & Miller, Inc., Amsterdam, N. Y.**

"K & M" Brand Pure Old Process Linseed Oil Meal

**H. H. King Flour Mills Co., Minneapolis, Minn.**

"Gold Mine" Feed

**King Midas Mill Co., Minneapolis, Minn.**

Snowball Wheat Flour Middlings and ground wheat screenings

Wheat Standard Middlings and ground wheat screenings

**Chas. A. Krause Milling Co., Milwaukee, Wisconsin.**

Badger White Hominy Feed

**H. P. Kysor Feed & Grain Co., New Haven, Conn.**

Kysor's A-1 20% Dairy Ration

Kysor's A-1 Growing Mash

Kysor's A-1 Horse Feed

Kysor's A-1 Laying Mash

Kysor's A-1 Scratch Grains

Kysor's A-1 Self Starter Ration

**A. S. Labieniec, Kensington, Conn.**

Reliable 20% Dairy Feed

Reliable 24% Dairy Feed

Reliable Laying Mash

**The Laden Bros., Co., Inc., 109-115 S. Colony St., Wallingford, Conn.**

Laden's Baby Chick Starter

Laden's Dairy Feed

Laden's Growing Mash

Laden's Laying Mash

Laden's Starter and Broiler Ration

**Lake County Oil Mill, Tiptonville, Tenn.**

Prime 41% Cottonseed Meal

**J. T. Lampman & Co., Claverack, N. Y.**

Red Mills, Rye Feed

**The Larabee Flour Mills Co., Kansas City, Mo.**

"Sunfed" Pure Winter Wheat Bran

"Sunfed" Winter Wheat Bran with ground wheat screenings not to exceed mill run or 8%

**The Larowe Milling Co., Box 68, North End Station, Detroit, Mich.**

Dried Beet Pulp

Dried Molasses-Beet Pulp

41% Protein Cottonseed Meal Prime Quality

Larro Broiler Feed

Larro Calf Meal

Larro Chick Grains

Larro Chick Starter

Larro Egg Mash

Larro Growing Grains

Larro Growing Mash

**The Larrowe Milling Co., Box 68, North End Station, Detroit, Mich.—(Continued)**

Larro Poultry Fattening Feed  
Larro Pork-Maker  
Larro—the Ready Ration for Dairy Cows  
Larro Scratch Grains  
Larro Turkey and Game Bird Adult Mash  
Larro Turkey Grower

**Libner Grain Co., Inc., 27 Commerce St., Norwalk, Conn.**

Libner's Blue Ribbon Chick Starter  
Libner's Blue Ribbon Growing Mash  
Libner's Blue Ribbon Milk Egg Mash  
12% Libner's Blue Ribbon Fitting Ration  
20% Libner's Blue Ribbon Dairy Ration  
24% Libner's Blue Ribbon Dairy Ration

**Lincoln Farm Products Corp., New York City.**

Farm Brand Meat and Bone Scrap

**The C. W. Lines Co., New Britain, Conn.**

Homestead Dry Mash  
Homestead Scratch Feed  
Mill Pride Dairy Ration  
Mill Pride Fancy Scratch Feed  
Mill Pride Milk Mash

**Litchfield County Co-operative Assoc., Torrington, Conn.**

Common Sense Dairy  
Common Sense Growing Mash  
Common Sense Laying Mash  
Common Sense Scratch

**Long Hill Feed Store, Long Hill, Conn.**

Square Deal Buttermilk Laying Mash  
Square Deal Dairy Ration

**L. B. Lovitt & Co., Memphis, Tenn.**

"Lovit Brand" 41% Cottonseed Meal  
"Lovit Brand" 43% Cottonseed Meal

**Maine Fish Meal Co., Portland, Maine.**

Maine Sardine Fish Meal

**E. Manchester & Sons, Winsted, Conn.**

Huntington Red Star Egg Mash  
Red Star Egg Mash  
Red Star Flour Middlings  
Red Star Mixed Feed  
Red Star Scratch Feed  
Red Star Special Dairy Feed  
Sweet Sixteen Red Star Dairy Feed

**The Mann Bros., Co., Buffalo, N. Y.**

The Mann Bros. Co. 37% Protein Pure Old Process Linseed Meal

**Maritime Milling Co., Inc., Buffalo, N. Y.**

B-B Daisy All Mash Starter and Growing Feed Vitamized with Cod Liver Oil, Milk Sugar Feed, Dried Buttermilk  
B-B Daisy Chick Feed

**Maritime Milling Co., Inc., Buffalo, N. Y.—(Continued)**

B-B Daisy Egg Mash with Dried Buttermilk  
 B-B Daisy Egg Mash Vitamized with Cod Liver Oil and  
     Dried Buttermilk  
 B-B Daisy Scratch Feed  
 B-B Dealer's Mixing Feed with Molasses  
 B-B Egg Red-E-Mixt Mash with Dried Buttermilk  
 B-B Hi-Test Dairy Feed 20% Protein, Sweetened  
 B-B Hi-Test Dairy Feed 24% Protein, Sweetened  
 B-B Marmico 16% Protein Dairy Feed with Molasses  
 Bull Brand All Mash Broiler Growing Ration Vitamized with Cod Liver  
     Oil, Milk Sugar Feed, Dried Buttermilk  
 Bull Brand All Mash Chick Starter Ration Vitamized with Cod Liver  
     Oil, Milk Sugar Feed, Dried Buttermilk  
 Bull Brand Breeders' Laying Mash Vitamized with Cod Liver Oil,  
     Milk Sugar Feed, Dried Buttermilk  
 Bull Brand Calf Meal  
 Bull Brand Chick Feed  
 Bull Brand Fitting Ration  
 Bull Brand Horse Feed with Alfalfa and Molasses  
 Bull Brand Laying Mash with Milk Sugar Feed and Dried Buttermilk  
 Bull Brand Scratch Feed  
 Dollar Maker Egg Mash  
 Dollar Maker Egg Mash Vitamized with Cod Liver Oil  
 Sweetened Bull Brand "20" Dairy Ration  
 Sweetened Bull Brand "24" Dairy Ration  
 Sweetened Dollar Maker 20% Protein Dairy Feed  
 Sweetened Dollar Maker 24% Protein Dairy Feed

**Meader Milling Co., Inc., Hoboken, N. J.**

Purifine Linseed Oil Meal

**Meech & Stoddard, Inc., Drawer 700, Middletown, Conn.**

Red Wing 20% Dairy Ration  
 Red Wing Mixed Feed  
 Red Wing Molasses Horse Feed  
 Red Wing Special Buttermilk Chick Starting Feed  
 Red Wing Special Buttermilk Growing Feed  
 Red Wing Special Buttermilk Laying Mash  
 Red Wing Special Chick Feed  
 Red Wing Special 24% Dairy Ration  
 Red Wing Special Intermediate Chick Feed  
 Red Wing Special Scratch Feed  
 Red Wing Special Stock Feed

**Miller Cereal Mills, Omaha, Neb.**

Hominy Feed

**Miner-Hillard Milling Co., Wilkes-Barre, Pa.**

No. 1 Scratch Feed  
 Rye Middlings  
 "1795" Steam Cooked Corn and Oats  
 Steam Cooked Hominy Feed  
 Wheat Bran with screenings not exceeding mill run  
 Wheat Middlings with screenings not exceeding mill run

**Monti-Van Iderstine, Inc., 272 Hudson Ave., Brooklyn, N. Y.**

Movan

**Geo. Q. Moon & Co., Inc., Binghamton, N. Y.**

Moon's Baby Chick Grains  
Moon's 20% Dairy Feed with Molasses  
Moon's 24% Dairy Ration  
Moon's Developing Grains  
Moon's Fresh Ground Mixed Feed with ground screenings not to exceed mill run  
Moon's Fresh Ground White Middlings  
Moon's Growing Mash  
Moon's Horse Feed with Molasses  
Moon's Laying Mash with Dried Buttermilk  
Moon's Special A Scratch Feed  
Moon's Stock Feed  
Moon's Wheat Bran with ground screenings not to exceed mill run  
Moon's White Hominy Feed  
Old Times Horse Feed  
Special A Dairy 20% Ration

**Fred C. Morse & Son, Guilford, Conn.**

Old Mill 20% Dairy Feed  
Old Mill Dairy Feed 24%  
Old Mill Fitting Feed  
Old Mill Growing Mash  
Old Mill Horse Feed  
Old Mill Laying Mash with Milk and Oil  
Old Mill Laying Mash with Skim Milk  
Old Mill Provender  
Old Mill Scratch Feed  
Old Mill Starting Mash

**Jas. F. Morse & Co., Somerville, Mass.**

Morse's Meat Scrap

**Moseley & Motley Milling Co., Rochester, N. Y.**

Big B Wheat Bran  
Big B Wheat Middlings with ground screenings not exceeding mill run

**National Milling Co., Toledo, Ohio.**

Namico Wheat Middlings with ground screenings not exceeding mill run  
Pure Wheat Bran (Extra Broad)

**New Orleans Export Co., Ltd., New Orleans, La.**

Prime Cottonseed Meal 41%

**Niagara Falls Milling Co., Lockport, N. Y.**

Niagara Choice Wheat Bran  
Niagara Standard Wheat Midds with ground screenings not exceeding mill run

**Northern Oats Co., 1201 Jackson St., N.E., Minneapolis, Minn.**

Go-For Brand Feeding Oatmeal

**North Western Consolidated Milling Div. of Standard Milling Co., Minneapolis, Minn.**

Planet Feed  
Pure Wheat Bran  
Wheat Flour Middlings and ground wheat screenings  
Wheat Mixed Feed  
Wheat Standard Middlings and ground wheat screenings  
XXX Comet

**Norwalk Grain Co., 48 Main St., Norwalk, Conn.**

Favorite Egg Mash with Milk  
Favorite Scratch

**Nowak Milling Corp., Hammond, Ind.**

Domino Chick Pel-ets  
Domino Egg Pel-ets  
Domino Growing Mash with Buttermilk  
Domino Growing Pel-ets  
Domino Laying Mash with Buttermilk  
Domino Scratch Feed  
Export Scratch Feed  
Fidelity Scratch Feed

**P. Fred'k Obrecht & Son, Baltimore, Md.**

Egg-O-Milk

**Ontario Milling Co., Inc., Oswego, N. Y.**

Aunt Mary's Chick Starting Mash with Cod Liver Oil  
Aunt Mary's Laying Mash  
Aunt Mary's Laying Mash with Cod Liver Oil  
Aunt Mary's Scratch Feed  
Big Value 20% Dairy Feed with Molasses  
Butterfat Dairy Feed with Molasses  
Onto Horse Feed with Molasses  
Oswego 20% Dairy Feed with Molasses  
Oswego 24% Dairy Feed with Molasses  
Oswego Laying Mash  
Oswego Scratch Feed  
Uncle John's 24% Cream Pot Ration

**S. V. Osborn Estate, Branford, Conn.**

Osborn Provender  
Osborn Scratch

**Park & Pollard Co., Buffalo, N. Y.**

All-In-One Starting Feed  
Bet-R-Milk 20% Ration  
Claco Dairy Ration  
Corn and Oats 1/2 and 1/2  
Fawthrop's Special 20% Dairy Ration  
(Manufactured for Walter Fawthrop, Cromwell, Conn.)  
Feed Meal  
Go-Tu-It Pig & Hog Ration  
Growing Feed  
Growing Feed with Cod Liver Oil  
Herdhelth 16% Ration  
Holcomb's Milk Egg Mash  
(Manufactured for R. H. Holcomb & Co., Newtown, Conn.)  
Holcomb's Sweetened 20% Dairy Ration  
(Manufactured for R. H. Holcomb & Co., Newtown, Conn.)  
Intermediate Chick Feed  
Lay or Bust Dry-Mash  
Lay or Bust Dry-Mash with Cod Liver Oil  
Milkade Calf Meal  
Milk-Maid 24% Sweetened Dairy Ration  
Overall 24% Dairy Ration  
Park & Pollard Breeder Mash  
Park & Pollard Broiler Ration  
Park & Pollard Chick Scratch

**Park & Pollard Co., Buffalo, N. Y.—(Continued)**

Park & Pollard Chick Starter  
Park & Pollard Fitting Ration  
Park & Pollard Heavy Wheat Mixed Feed  
Park & Pollard Horse Feed  
Park & Pollard Stock Feed  
Park & Pollard Turkey Grower  
Park & Pollard Turkey Starter  
Red Ribbon Chick Feed  
Red Ribbon Scratch Feed  
Top Notch 16% Ration  
Yankee Dairy Ration

**The Patent Cereals Co., Geneva, N. Y.**

Hominy Feed

**Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico.**

Alfalfa Meal  
Alfalfa Stem Meal  
Peevee Alfalfa Leaf Meal

**Penick & Ford Ltd., Inc., Cedar Rapids, Iowa.**

Douglas Corn Gluten Feed  
Douglas Corn Gluten Meal

**Perkins Oil Co., Inc., Memphis, Tenn.**

Goldenrod Brand Cottonseed Meal 41%

**Pillsbury Flour Mills Co., Minneapolis, Minn.**

Pillsbury's Fancy Mixed Feed and Screenings  
Pillsbury's Hard Wheat Bran and Screenings  
Pillsbury's Hard Wheat A. Middlings and Screenings  
Pillsbury's Hard Wheat Standard B. Middlings and Screenings  
Pillsbury's Rye Middlings and Screenings  
Pillsbury's Wheat Bran and Screenings  
Pillsbury's XX Daisy

**Maurice Pincoffs Co., Houston, Texas.**

Pinco Cottonseed Meal 41%  
Pinco Cottonseed Meal 43%

**The Frank S. Platt Co., 450 State St., New Haven, Conn.**

Platco Laying Mash  
Platco Perfection Grain Mixture

**Postum Co., Inc., Battle Creek, Mich.**

Burt's Hominy Feed

**Pratt Food Co., Buffalo, N. Y.**

Pratt's Baby Chick Food  
Pratt's Chick Scratch Feed  
Pratt's Growing Mash with Buttermilk  
Pratt's Intermediate Scratch Feed  
Pratt's Laying Mash with Buttermilk  
Pratt's Utility Horse Feed  
Pratt's White Hominy Feed

**H. C. Puffer Co., 194 Lyman St., Springfield, Mass.**

Egg-Em-On Growing Feed  
 Egg-Em-On Laying Mash  
 Egg-Em-On Scratch Grains  
 Sweetened Producer Dairy Feed  
 20% Producer Dairy Feed  
 24% Producer Dairy Feed

**The Quaker Oats Co., 141 W. Jackson Blvd., Chicago, Ill.**

Banner Feed  
 Barley Feed  
 Bell Cow Bran with ground screenings not exceeding mill run  
 Bell Cow Shorts with ground screenings not exceeding mill run  
 Big Egg Scratch Grains No Grit  
 Buckeye Feed  
 Early Bird Coarse Chick Feed  
 Early Bird Fine Chick Feed No Grit  
 Quaker Ful-O-Pep Chick Starter  
 Quaker Ful-O-Pep Coarse Chick Feed  
 Quaker Ful-O-Pep Egg Mash  
 Quaker Ful-O-Pep Fine Chick Feed  
 Quaker Ful-O-Pep Growing Mash  
 Quaker Ful-O-Pep Scratch Grains  
 Quaker Ful-O-Pep Station Grade Fattening Feed  
 Quaker Green Cross Horse Feed  
 Quaker 16% Protein Dairy Ration  
 Quaker 20% Protein Dairy Ration  
 Quaker 24% Protein Dairy Ration  
 Quaker Schumacher Feed  
 Quaker Sugared Schumacher Feed  
 Schumacher Calf Meal  
 Sugared Vim Feed  
 Vim Feed  
 White Hominy Feed  
 Yellow Hominy Feed

**Ralston Purina Co., St. Louis, Mo.**

Corn Feed Meal  
 Corn and Oat Provender  
 Dried Beet Pulp  
 Fine Ground Poultry Alfalfa Meal  
 Protena 16% Dairy Feed  
 Protena 20% Dairy Feed  
 Protena 24% Dairy Feed (Buffalo Mill)  
 Protena Scratch Feed (Buffalo Mill)  
 Protena Sweet Roughage Feed (Buffalo Mill)  
 Purina All Mash Egg Chowder  
 Purina All Mash Growena Chow  
 Purina All Mash Startena Chow  
 Purina Breeder Egg Chowder  
 Purina Broiler Chow  
 Purina Bulky Cow Chow  
 Purina Bulky Las Chow (Buffalo Mill)  
 Purina Bulky Omolene Chow  
 Purina Calf Chow  
 Purina Checkerboard Rolled Oats (Steam Cooked)  
 Purina Chick Chow  
 Purina Chicken Fatena Chow  
 Purina Chick Growena Chow  
 Purina Chick Growena Chow (with Cod Liver Oil)

**Ralston Purina Co., St. Louis, Mo.—(Continued)**

Purina Chick Startena Chow  
Purina 20% Cow Chow  
Purina 24% Cow Chow  
Purina 32% Chowder  
Purina Egg Chowder  
Purina Egg Chowder (with Cod Liver Oil)  
Purina Fitting Chow  
Purina Hen Chow  
Purina Hog Fatena Chow  
Purina Intermediate Hen Chow  
Purina Lay Chow  
Purina Lay Chow (with Cod Liver Oil)  
Purina Lay Chow (with Cod Liver Oil and Dried Buttermilk)  
Purina Omolene Chow  
Purina Steer Fatena Chow  
Purina Turkey Growing and Fattening Chow  
Purina Turkey Startena Chow

**John Reardon & Sons Co., 51 Waverly St., Cambridge, Mass.**

Register Brand Meat and Bone Scraps 45%  
Register Brand Meat Scraps 55%  
Register Brand Cod and Haddock Fish Meal

**James Richardson & Sons, Ltd., Board of Trade Bldg., Montreal, Canada.**

Richardson Pure Wheat Bran

**Robin Hood Mills, Ltd., Moose Jaw & Calgary, Canada.**

Blackhawk Standard Middlings with ground screenings not exceeding  
mill run  
Superior Wheat Bran  
Superior Wheat Reddog

**Ronck & Bevis Co., 940 N. Front St., Philadelphia, Pa.**

Ro-Be Fish Meal

**Rotex Milling Co., Cleveland, Ohio.**

Rotex Egg Mash  
Rotex Starting and Growing Mash

**Sigmond Rothschild Co., Houston, Texas.**

41% Protein Cottonseed Meal

**Russell-Miller Milling Co., Minneapolis, Minn.**

Alta Hard Wheat Middlings  
Hard Wheat Occident Bran  
Hard Wheat Occident Flour Middlings  
Hard Wheat Occident Mixed Feed  
Hard Wheat Occident Standard Middlings

**Seymour Grain & Coal Co., Seymour, Conn.**

18 Dairy Ration  
Miracle Chick Feed  
Miracle Chick Grower  
Miracle Chick Starter  
Miracle Cow Feed  
Miracle Fitting Ration  
Miracle Laying Mash with Skim Milk  
Miracle Molasses Horse Feed



**Seymour Grain & Coal Co., Seymour, Conn.—(Continued)**

Miracle Scratch Feed  
See More Milk Dairy Feed

**J. C. Shaffer Grain Co., 406 Merchants Exchg. Bldg., St. Louis, Mo.**  
Shafco Wheat Bran with Screenings

**Sheffield Farms Co., Inc., 524 W. 57th St., New York City.**  
Sheffield Skim Milk Powder

**Shelton Feed Co., 73 Bridge St., Shelton, Conn.**  
Nelson Mixed Chicken Feed

**The Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland, Ohio.**  
Sherwin Williams Company Old Process Linseed Meal 32%  
Sherwin Williams Pure Old Process Linseed Meal 34%

**Southland Cotton Oil Co., Paris, Texas.**  
Southland's 41 Cottonseed Meal

**Ike Sovitsky, Ansonia, Conn.**  
Ansonia Baby Chick Starter with Buttermilk and Cod Liver Oil  
Ansonia 20% Sweetened Dairy Feed  
Ansonia Egg Mash with Buttermilk and Cod Liver Oil  
Ansonia Scratch Feed  
Ansonia Stock Feed  
Connecticut State Open Formula Dairy Ration

**Soya Products, Inc., Chicago, Ill.**  
Soybean Oil Meal  
Super Soy

**Sparks Milling Co., Alton, Ill.**  
Try Me Wheat Bran

**A. E. Staley Mfg. Co., Decatur, Ill.**  
Staley's Corn Gluten Feed  
Staley's Soybean Oil Meal

**D. A. Stickell & Sons, Inc., 67 West Baltimore St., Hagerstown, Md.**  
Mixed Wheat Feed  
Snap Scratch Grains  
Stickell's Certified 20% Ration  
Stickell's Intermediate Chick Feed  
Stickell's Poultry Fatner  
Su-Pur Growing Mash  
Su-Pur Horse and Calf Feed  
Two in One Scratch Grains  
Victor Scratch Grains

**St. Albans Grain Co., St. Albans, Vt.**  
Corn Distillers' Dried Grains  
Hygrade Fitting Ration  
Hygrade Pure Cod and Haddock Fish Meal  
Hygrade 16 Sweetened Milk Ration  
Hygrade 20 Sweetened Milk Ration  
Hygrade 24 Sweetened Milk Ration  
Mornin' Call Poultry Grains

**St. Albans Grain Co., St. Albans, Vt.—(Continued)**

Paragon Dairy Feed  
Paragon Hominy Feed  
Pure Dried Skim Milk Powder  
Utility Dairy Ration  
Utility Pasture Ration  
Wirthmore All-Purpose Chick and Broiler Ration  
Wirthmore Baby Chick Scratch  
Wirthmore Baby Chick Starter, a Complete Balanced Feed for the First  
Six Weeks containing Fortified Cod Liver Oil  
Wirthmore 25 Balanced Ration Sweetened  
Wirthmore Breeder Mash  
Wirthmore Calf Meal  
Wirthmore Complete Growing Ration  
Wirthmore Complete Ration for Layers  
Wirthmore 16 Dairy Ration Sweetened  
Wirthmore 20 Dairy Feed Sweetened  
Wirthmore Dairy Feed with Beet Pulp Sweetened  
Wirthmore 14 Fitting Ration  
Wirthmore Flour Middlings  
Wirthmore Fleshing and Fattening Mash  
Wirthmore Fodder Greens  
Wirthmore Growing Mash  
Wirthmore Growing Mash (containing Fortified Cod Liver Oil)  
Wirthmore Horse Feed  
Wirthmore Intermediate Scratch Feed  
Wirthmore Laying Mash  
Wirthmore Laying Mash (containing Fortified Cod Liver Oil)  
Wirthmore Pig and Hog, a Growing and Fattening Feed  
Wirthmore Scratch Feed  
Wirthmore Stock Feed  
Wirthmore Turkey Breeder Ration  
Wirthmore Turkey Fattening Ration  
Wirthmore Turkey Growing Ration  
Wirthmore Turkey Starting Ration  
Wirthmore Wheat Feed

**St. Lawrence Flour Mills Co., Ltd., Montreal, Canada.**

Bran

**Chas. M. Struven Co., Baltimore, Md.**

Struven's Fish Meal

**Syracuse Milling Co., Syracuse, N. Y.**

Onondaga Dairy Feed Sweetened  
Onondaga Scratch Grains  
Syragold Chick Starter  
Syragold Dairy Feed  
Syragold Dairy Feed, Sweetened  
Syragold Egg Mash  
Syragold Feed Meal  
Syragold Flour Middlings with Mill Run Screenings  
Syragold Ground Corn and Oat Feed  
Syragold Growing Mash  
Syragold Horse Feed with Molasses  
Syragold Laying Mash with Buttermilk  
Syragold Laying Mash with Buttermilk and Cod Liver Meal  
Syragold Milk Ration  
Syragold Milk Ration, Sweetened  
Syragold Scratch Grains  
Syragold Stock Feed

**Thomaston Supply Co., Thomaston, Conn.**

Thomaston Dairy Ration  
Thomaston Egg Mash  
Thomaston Growing Mash  
Thomaston Scratch

**Tioga-Empire Feed Mills, Inc., Waverly, N. Y.**

Broilertine  
Chicatine  
Chicatine with Cod Liver Oil Added  
Derby-E-Gee Chick Grains  
Derby E-Gee Scratch Feed  
Derby Ground Corn and Oats  
Ducatine  
Egatine  
Egatine with Cod Liver Oil Added  
E-Gee Dairy Feed  
Neverfail Horse Feed  
Or-Co Feed  
Red Brand Tioga Dairy Feed  
Tioga Calf Food  
Tioga Chick and Growing Mash  
Tioga Chick and Growing Mash with Cod Liver Oil Added  
Tioga Growing Shoat Feed  
Tioga Laying Food  
Tioga Laying Food with Cod Liver Oil Added  
Tioga-Neverfail Chick Grains  
Tioga-Neverfail Growing Grains  
Tioga-Neverfail Poultry Grain

**Traders Feed & Grain Co., Inc., 736 Chamber of Commerce Bldg., Buffalo, N. Y.**

Bonny Hard Wheat Bran and Screenings  
Maple Leaf Pure Wheat Bran  
(Manufactured by Maple Leaf Milling Co., Ltd., Toronto, Canada)  
Rex Wheat Middlings and Screenings  
(Manufactured by Maple Leaf Milling Co., Ltd., Toronto, Canada)

**Transit Milling Co., Galveston, Texas.**

Texas Bull Brand Cottonseed Meal 41%  
Texas Bull Brand Cottonseed Meal 43%  
Tranco Brand 41% Cottonseed Meal

**Jacob Trinley & Sons, Linfield, Pa.**

Corn Feed Meal  
Favorite 20% Dairy Ration  
Favorite Horse Feed  
Favorite Laying Mash  
Favorite Scratch Grains  
Mixing Special  
Real Chick Starter  
Real Fattening Mash with Buttermilk  
Real Growing Mash  
Real Laying Mash  
Real Scratch Grains  
Real Stock Feed  
Supreme 85% Horse Feed  
Trinley's 16% Dairy Feed  
Trinley's 24% Dairy Feed

**Union Starch & Refining Co., Columbus, Ind.**

Union Corn Gluten Feed

**United Cooperative Farmers, Inc., Fitchburg, Mass.**

United Farmers Milk Egg Mash

United Farmers Milkmaker

United Farmers Starting and Growing Mash

**United Mills Co., Inc., Grafton, Ohio.**

U.M.C. Wheat Middlings with ground screenings not exceeding mill run

**Upper Hudson Rye Flour Mills, Inc., 7 Madison St., Troy, N. Y.**

Upper Hudson Rye Feed

**Van Iderstine Co., Long Island City, N. Y.**

Vico Quality Meat and Bone Scrap for Poultry

Vico Quality Meatine for Poultry

**Victor Flour Mills, Inc., Pittsford, N. Y.**

Victor Spring Wheat Bran with ground screenings

Victor Spring Wheat Middlings with ground screenings

**Ward Dry Milk Co., St. Paul, Minn.**

Ward's Pure Dried Buttermilk

Ward's Pure Dried Skim Milk

**Watertown Co-operative Assoc., Watertown, Conn.**

Sterling Scratch Feed

**Wayne County Grangers Feed Corp., Clyde, N. Y.**

Clyde 20% Dairy Feed

Galen 24% Dairy Feed

Grange Scratch Feed

Hy-Yan-Ka Farms 20% Dairy Feed with Beet Pulp

Milkproducer 24% Dairy Feed

Superior Chick Starter with Buttermilk and Cod Liver Oil

Superior 20% Dairy Feed

Sweetened 16% Dairy Feed

Superior Laying Mash with Buttermilk and Cod Liver Oil

Universal Horse Feed

**F. S. Wertz & Son, Reading, Pa.**

Faramel Horse Feed

Reading Egg Mash

Special 24 Dairy Feed

**West-Nesbitt, Inc., Oneonta, N. Y.**

All Pure 20% Milk Ration

Connecticut State Formula Mash

Pure Feed Dairy Ration

Pure Feed Egg Mash

Pure Feed Egg Mash with Buttermilk

Pure Feed Horse Ration

Pure Feed Scratch Grains

Pure Feed Starting and Growing Mash

Super Pure Feed Dairy Ration

Super Pure Sweetfeed Dairy Ration

**Wolf's Feed Store, Shelton, Conn.**

Wolf's 20% Dairy Ration  
 Wolf's Egg Mash  
 Wolf's Scratch Feed

**Worcester Rendering Co., Auburn, Mass.**

P. W. Fish Meal

**Yantic Grain & Products Co., Norwich, Conn.**

All in All Egg Ration  
 Al-Mo  
 Big (Y) All-In-All Growing Ration  
 Big (Y) Chick Grain  
 Big (Y) Chick Starter with Cod Liver Oil  
 Big (Y) Complete Broiler and Chick Ration  
 Big (Y) Dairy, 16%  
 Big (Y) Dairy, 20%  
 Big (Y) Dairy, 24%  
 Big (Y) Fitting Ration  
 Big (Y) Flour Middlings  
 Big (Y) Growing Feed with Cod Liver Meal and Dried Milk  
 Big (Y) Horse Feed  
 Big (Y) Intermediate Chick Feed  
 Big (Y) Laying Mash  
 Big (Y) Laying Mash with Dried Milk and Cod Liver Meal  
 Big (Y) Laying Mash with Buttermilk and Cod Liver Oil  
 Big (Y) Mixed Feed  
 Big (Y) Scratch Feed  
 Big (Y) Stock Feed  
 Big (Y) Sugared Oat Feed  
 Big (Y) Sugared Stock Feed  
 Big (Y) Turkey Growing  
 Big (Y) Turkey Starter  
 Calico Girl Scratch Feed  
 Columbia Dairy Feed  
 Columbia Laying Mash with Dried Milk and Cod Liver Meal  
 Columbia Scratch Feed  
 Economy Pasture Ration  
 O. F. D. Ration, 20%  
 O. F. D. Ration, 24%  
 Uncas Scratch Feed

**Young Bros., Co., Inc., Danielson, Conn.**

Dried Skim Milk

## INSPECTION

For the year 1933 a total of 1,299 samples of feeding stuffs and related materials have been examined. They are classified as follows:

Concentrated feed stuffs .....	815
Miscellaneous feeds examined for individuals .....	76
Feeds examined for poisons, etc. ....	3
Pasture grass samples and other fodder materials from Storrs' station .....	385
Check samples, cottonseed meal and feed .....	20
Total .....	1299

Samples submitted by the Storrs Agricultural station are not discussed in this report.

Analyses of official samples are given in Table I. Tables Ia and Ib show summaries of the deficiencies found in guaranteed nutrients and the distribution of the deficiencies. Deficiencies of 0.75 per cent in protein and fiber, and of 0.25 per cent in fat, are disregarded in compiling these summaries.

Of 815 official samples 95 were deficient in one or more of the guaranteed nutrients. About 88 per cent, therefore, substantially met or exceeded guaranties in all respects.

The total number of guaranties made was 2,429 and the total number of deficiencies was 108. About 96 per cent of the guaranties made were met or exceeded.

Since the present Statute concerning commercial feeding stuffs was enacted, in 1925, the experience in the matter of deficiencies as summarized above has been as follows:

Year	No. of official samples	Samples meeting guaranties %	Individual guaranties met %
1925	488	83	94
1926-7	670	83	94
1928	716	78	92
1929	646	82	94
1930	678	81	93
1931	739	88	96
1932	836	85	95
1933	815	88	96

These figures show that the proportion of samples meeting guaranties has increased notably in the past three years. The proportion of individual guaranties met has been high during the whole period but especially so since 1930.

The miscellaneous feeds examined for individuals, and the samples examined for poisons, need no special comment. In the examination of feeds submitted by purchasers for purposes of checking guaranties, the Station assumes no responsibility for the sampling.

*Correction:* In our report of inspection for 1932, Bulletin 351, p. 567, the guaranties given for fiber and fat in *Imperial Steam-Cooked Feed*

(Imperial Grain and Milling Co.) are reversed due to the firm's error in registering. The correct guaranties should read fiber 4.60 per cent and fat 4.00 per cent. On this guaranty, although our analysis showed 4.83 per cent of fiber, the sample would not have been classed as deficient, and the percentage shown on p. 639 of the report should therefore have been 100 instead of 67. We acknowledge our oversight in not noting the discrepancy between the tags and the registration; but our analysis report sent to the firm several months before publication of our bulletin should have served to detect the error. This is the purpose of the practice of sending preliminary reports to both purchaser and manufacturer.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Oil Seed Products								
	<i>Cottonseed Meal</i>								
22269	Ashcraft-Wilkinson Co., Atlanta, Ga. Helmet .....	Thomaston: Thomaston Supply Co. ...	7.43	41.56	41.00	9.18	10.00	6.30	5.50
3240	Ashcraft-Wilkinson Co., Atlanta, Ga. Monarch .....	Putnam: Dayville Grain Co. ....	7.35	42.63	43.00	7.70	10.00	6.28	6.00
212134	Cairo Meal & Cake Co., Cairo, Ill. Miss Cairo Brand .....	Amnston: Amnston Grain Mill .....	6.43	40.50	41.00	10.35	10.00	7.05	5.00
212126	Humphreys-Godwin Co., Memphis, Tenn. Bull Brand 43% .....	Colchester: P. Cutler, Inc. ....	6.68	43.25	43.00	7.88	11.00	6.70	5.00
3242	Humphreys-Godwin Co., Memphis, Tenn. Dixie Brand 41% .....	Norwich: A. E. Shedd .....	8.45	41.00	41.00	8.65	12.00	7.83	5.00
2086	Larrowe Milling Co., Detroit, Mich. 41% Prime Quality .....	Branford: S. V. Osborn Est. ....	6.15	40.56	41.00	8.53	10.00	6.63	6.00
313136	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand" 41% .....	New Milford: Geo. T. Soule & Co. ....	8.28	40.00	41.00	9.47	10.00	5.80	6.00
3697	Maurice Pincoffs Co., Houston, Texas Pincos 41% .....	Rockville: Rockville Grain & Coal Co.	7.23	39.50	41.00	12.20	14.00	6.20	5.00
3761	Maurice Pincoffs Co., Houston, Texas Pincos 43% .....	Colchester: P. Cutler, Inc. ....	7.70	42.06	43.00	10.58	12.00	6.38	6.00
4125	Transit Milling Co., Galveston, Texas Texas Bull Brand 41% .....	Mt. Carmel: Hamden Grain Co. ....	7.13	42.19	41.00	11.03	11.00	6.48	5.00



3637	Transit Milling Co., Galveston, Texas Texas Bull Brand 43% .....	Norwalk: Libner Grain Co. ....	8.78	42.25	43.00	10.43	11.00	5.90	5.00
<i>Linseed Meal</i>									
3487	Archer-Daniels-Midland Co., Minne- apolis, Minn. Pure Old Process 32% .....	Plantsville: C. A. Cowles .....	9.40	32.06	32.00	8.05	9.00	5.49	5.00
3160	Archer-Daniels-Midland Co., Minne- apolis, Minn. Pure Old Process 37% .....	Tariffville: Tariffville Grain Co. ....	9.88	38.75	37.00	6.30	9.00	4.55	4.50
3207	Bisbee Linseed Co., Chicago Heights, Ill. Bisbee Pure Old Process 34% ..	Thompsonville: Geo. S. Phelps & Co. .	9.50	35.00	34.00	7.18	10.00	5.93	5.00
3218	Kellogg's & Miller, Inc., Amsterdam, N. Y. "K & M" Brand Pure Old Process 34% .....	Willimantic: Boston Grain Co. ....	9.20	38.50	34.00	6.75	9.00	6.15	5.00
3090	Spencer Kellogg & Sons, Inc., Buf- falo, N. Y. Kellogg's 37% Pure Old Process .....	Colchester: P. Cutler, Inc. ....	9.80	39.25	37.00	6.40	10.00	5.45	4.50
3596	The Mann Bros. Co., Buffalo, N. Y. The Mann Bros. Co. 37% Pure Old Process .....	Southbury: Southbury Grain Co. ....	10.20	38.13	37.00	6.23	10.00	6.29	6.00
3600	Meader Milling Co., Hoboken, N. J. Purifine 34% .....	Watertown: Watertown Co-op. Asso. .	9.48	33.00	34.00	7.60	8.00	4.60	5.00
2090	The Sherwin-Williams Co., Cleve- land, Ohio. Sherwin-Williams Pure Old Process 34% .....	Branford: S. V. Osborn Est. ....	8.10	38.13	34.00	7.38	10.00	5.48	5.00
<i>Soy bean meal</i>									
3712	Allied Mills, Inc., Chicago, Ill. Super- Soy. (Mfr's. Soya Products, Inc.) ..	Bristol: A. J. Bowers .....	8.75	40.00	37.00	5.25	6.50	5.63	5.00
2135	Archer-Daniels-Midland Co., Minne- apolis, Minn. Pure Old Process ..	Amston: Amston Grain Mill .....	11.18	43.56	41.00	5.80	7.00	4.45	4.50
2257	A. E. Staley Mfg. Co., Decatur, Ill. Staley's .....	Keusington: A. S. Labieniec .....	10.00	42.25	41.00	5.25	7.00	5.63	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Wheat Products		%	%	%	%	%	%	%	%
	<i>Wheat Bran</i>									
3062	Chas. M. Cox Co., Boston, Mass. Lakewoods	New Haven: R. G. Davis & Sons	12.70	15.81	15.00	10.98	11.50	5.30	3.50	
3216	Chas. M. Cox Co., Boston, Mass. Ogilvie's	Willimantic: Boston Grain Co.	13.25	17.00	15.00	10.50	11.50	5.15	3.50	
3569	Duluth Superior Milling Co., Minne- apolis, Minn. Duluth Imperial	East Winsted: Leonard Grain Co.	11.60	17.44	15.00	8.68	13.00	4.63	3.75	
3589	Eagle Roller Mill Co., New Um, Minn. Eagle Pure	Hartford: New York Feed Corp.	12.98	16.88	15.00	9.15	12.00	4.73	4.00	
3738	B. A. Eckhart Milling Co., Chicago, Ill. Pure	Putnam: Dayville Grain Co.	11.53	16.50	14.00	9.05	12.00	4.30	3.50	
3892	Faroll Bros., New York City. Wheat Standard	Norwich: Yantic Grain & Products Co.	9.65	16.69	13.00	10.58	13.00	3.98	4.00	
2091	J. A. Forrest, Minneapolis, Minn. Pioneer Pure	Braunford: S. V. Osborn Est.	11.65	16.13	15.00	10.18	11.50	5.65	3.50	
3636	General Mills, Inc., Minneapolis, Minn. Washburn Gold Medal Hard	Norwalk: Libner Grain Co.	11.78	15.81	14.00	8.50	12.00	4.73	4.00	
3466	Wheat Bran and Wheat Screenings Frank B. Ham & Co., Ltd., Toronto, Canada. "Hamco"	Wallingford: A. E. Hall	11.83	15.63	13.50	5.50	12.00	5.05	3.00	

1918	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Choice .....	Plantsville: C. A. Cowles .....	10.78	15.81	13.50	10.28	14.00	4.88	3.50
3161	International Milling Co., Minneapolis, Minn. Black Hawk Pure ..	Granby: E. H. Rollins .....	12.38	18.00	15.00	9.60	12.00	5.20	3.20
3849	Jones & Quinn, New York City. Argentine .....	Southport: C. Buckingham & Co. ....	11.20	15.63	13.00	10.25	13.00	3.55	4.00
2232	Kansas Flour Mills Corp., Kansas City, Mo. Big Flake .....	Wallingford: A. E. Hall .....	11.45	15.25	15.00	8.98	11.00	4.30	3.50
3467	The Larabee Flour Mills Co., Kansas City, Mo. "Sunfed" Winter, with Screenings .....	Wallingford: A. E. Hall .....	12.90	16.69	15.00	9.18	11.00	4.23	3.50
3065	The Larabee Flour Mills Co., Kansas City, Mo. "Sunfed" Pure .....	Bridgeport: Brooklawn Feed Co. ....	11.75	15.25	15.00	8.62	11.00	4.58	3.50
1931	Geo. Q. Moon & Co., Inc., Birmingham, N. Y. Moon's .....	Stratford: Z. C. Ingersoll .....	11.05	15.50	15.00	7.13	10.00	3.58	3.00
3774	Moseley & Motley Milling Co., Rochester, N. Y. Big B .....	Westerly: C. W. Campbell Co. ....	10.95	16.63	13.50	9.95	13.00	5.50	3.00
3522	National Milling Co., Toledo, Ohio. Pure (Extra Broad) .....	Brookfield: S. A. Smith & Son .....	12.03	17.63	14.00	7.83	10.00	4.00	3.00
3706	Niagara Falls Milling Co., Lockport, N. Y. Niagara Choice .....	New Haven: Moran—Paton Co. ....	12.33	16.00	15.50	10.08	11.00	5.43	4.00
2301	Northwestern Consolidated Milling, Div. of Standard Milling Co., Minneapolis, Minn. Pure .....	Bloomfield: Bloomfield Farmers' Exchange .....	12.28	17.13	14.00	8.65	12.00	5.33	4.00
3510	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard with Screenings .....	Bethel: Morrison & Dunham .....	11.98	16.88	14.00	9.30	12.00	5.23	4.00
4141	The Quaker Oats Co., Chicago, Ill. Bell Cow .....	Manufacturer's sample .....	8.98	17.38	15.00	10.00	10.00	5.25	3.50
2101	Jas. Richardson & Sons, Ltd., Montreal, Canada. Richardson Pure ..	Groton: C. W. Campbell Co. ....	11.85	17.19	15.00	9.35	11.50	5.53	3.50
3741	Robin Hood Mills, Ltd., Moose Jaw, Canada. Superior .....	Danielson: Dayville Grain Co. ....	11.35	18.13	15.00	9.73	11.50	5.55	3.50
3584	Russell-Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident .....	Middletown: Meech & Stoddard Inc. ...	12.25	17.38	14.00	8.95	11.50	5.25	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Wheat Products—Continued <i>Heat Bran—Concluded</i>		%	%	%	%	%	%	
3191	J. C. Shaffer Grain Co., St. Louis,	Rockville: Rockville Grain & Coal Co.	11.83	15.38	14.50	8.10	10.00	4.85	3.50
3246	Mo. Shafco with Screenings .....	Danielson: Young Bros. Co. ....	9.95	17.31	15.00	10.10	11.50	3.55	3.50
3656	St. Lawrence Flour Mills Co., Ltd., Montreal, Canada .....	Traders Feed & Grain Co., Buffalo, N. Y. Maple Leaf Pure .....	11.40	17.00	15.00	10.35	11.50	5.38	3.50
	<i>Wheat middlings and similar products</i>								
3611	Commander-Larabee Co., Minneapolis, Minn. Sunfed Wheat Standard Middlings .....	Naugatuck: Naugatuck Grain Co. ....	11.25	19.25	14.50	7.25	9.50	4.60	4.00
3217	Chas. M. Cox Co., Boston, Mass. Ogilvie's Wheat Shorts .....	Willimantic: Boston Grain Co. ....	10.65	18.75	16.00	7.78	8.00	5.75	5.00
3914	Faroll Bros., New York City. Wheat Standard Middlings .....	Norwich: Yantic Grain & Products Co.	11.28	17.00	14.00	6.25	9.50	6.40	4.00
2092	J. A. Forrest, Minneapolis, Minn. Lakewood Wheat Shorts .....	Branford: S. V. Osborn Est. ....	11.30	18.75	16.00	7.03	8.00	6.48	5.00

3635	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings .....	Norwalk: Libner Grain Co. ....	10.58	18.19	15.00	6.13	9.50	5.15	4.00
3479	Frank B. Ham & Co., Ltd., Toronto, Canada. "Hamco" Wheat Shorts...	Wallingford: Laden Bros., Co., Inc. ..	12.45	18.94	15.00	6.48	10.50	5.93	3.50
3011	Wm. Hamilton & Son, Inc., Caledonia, N. Y. Standard Wheat Middlings .....	Cheshire: Center Grain Co. ....	11.18	17.63	16.00	4.71	8.50	4.98	4.50
3015	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Wheat Standard Middlings .....	Southington: Southington Lumber Co.	10.15	19.25	15.00	7.55	9.50	5.68	4.75
3162	International Milling Co., Minneapolis, Minn. Black Hawk Wheat Standard Middlings .....	Granby: E. H. Rollins .....	11.15	18.75	16.00	7.48	8.50	5.48	4.50
3698	Jones & Quinn, Inc., New York City. Argentine Wheat Standard Middlings .....	Rockville: Rockville Grain & Coal Co.	11.10	16.19	14.00	9.00	9.50	4.45	4.00
3484	King Midas Mill Co., Minneapolis, Minn. Wheat Standard Middlings...	Meriden: Reliable Feed Store .....	11.05	17.38	15.00	7.75	9.50	5.75	4.00
2285	E. Manchester & Sons, Winsted, Conn. Red Star Flour Middlings...	Winsted: E. Manchester & Sons .....	11.23	17.88	15.00	4.95	6.00	4.90	4.00
3676	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Fresh Ground White Middlings .....	Higganum: Felix Petrofsky .....	11.13	18.75	15.00	4.75	7.50	5.43	3.50
3775	Mosley & Motley Milling Co., Rochester, N. Y. Big B Wheat Middlings with Ground Screenings...	Westerly: C. W. Campbell Co. ....	10.35	19.56	15.00	6.90	9.00	5.63	4.50
3451	Niagara Falls Milling Co., Lockport, N. Y. Niagara Standard Wheat Midds .....	Derby: Derby Feed Store .....	12.10	17.50	15.50	6.90	7.50	5.20	4.50
2300	Northwestern Consolidated Milling Div. of Standard Milling Co., Minneapolis, Minn. Wheat Standard Middlings .....	Bloomfield: Bloomfield Farmers' Exchange .....	9.68	17.88	15.00	8.23	9.50	5.58	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Wheat Products—Continued <i>Wheat middlings and similar products</i> —Concluded		%	%	%	%	%	%
3541	Pillsbury Flour Mills Co., Minneapolis, Minn.	New Milford: Geo. T. Soule Co. ....	11.65	18.31	2.80	6.00	4.23	4.00
3571	Wheat A Middlings and Screenings Pillsbury Flour Mills Co., Minneapolis, Minn.							
4142	Wheat Standard B Middlings and Screenings .....	Torrington: F. L. Wadham & Sons ...	11.90	17.25	6.85	9.50	5.23	4.00
2229	The Quaker Oats Co., Chicago, Ill. Bell Cow Shorts .....	Manufacturer's sample .....	8.75	18.94	6.55	8.00	5.88	4.00
3547	Russell Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident Standard Middlings .....	Wallingford: A. E. Hall .....	10.15	15.38	8.18	9.50	6.10	4.00
2023	St. Albans Grain Co., St. Albans, Vt. Wirthmore Flour Middlings and Screenings .....	Kent: H. H. Taylor & Son .....	11.90	17.19	4.40	6.00	4.10	4.00
2152	Syracuse Milling Co., Syracuse, N. Y. Syracuse Flour Middlings with Mill Run Screenings .....	So. Norwalk: Ferris-Devine Co. ....	10.20	17.69	5.10	6.00	5.03	4.00
	Traders Feed & Grain Co., Inc., Buffalo, N. Y. Rex Wheat Middlings .....	Willimantic: Willimantic Grain Co. ...	11.00	18.50	6.53	7.50	5.88	5.00

3612	Yantic Grain & Products Co., Norwich, Conn. Big Y Flour Middlings	Naugatuck: Naugatuck Grain Co. ....	11.50	18.00	16.50	5.25	6.00	5.13	4.00
<i>Wheat red dog</i>									
2196	Flory Milling Co., Inc., Bangor, Pa. Red Dog Flour .....	Sandy Hook: Consumers Food Stores, Inc.	11.20	15.63	13.50	2.58	4.00	3.20	2.50
3540	General Mills, Inc., Minneapolis, Minn. Washburn Gold Medal Pure Hard Wheat Adrian Red Dog ....	Danbury: F. C. Benjamin .....	11.10	16.56	16.00	1.73	4.00	3.65	3.50
4124	Hecker-Jones-Jewell Co., Buffalo, N. Y. ....	Mt. Carmel: Hamden Grain Co. ....	11.03	18.00	15.00	2.43	4.00	4.10	4.25
3164	International Milling Co., Minneapolis, Minn. Black Hawk .....	Bloomfield: Bloomfield Farmers' Exchange .....	11.30	21.56	16.00	3.08	4.00	4.90	3.50
3542	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's XX Daisy .....	New Milford: Geo. T. Soule Co. ....	11.50	18.31	16.00	1.30	4.00	3.95	4.00
3733	Robin Hood Mills, Ltd., Calgary, Canada. Superior .....	Willimantic: Willimantic Grain Co. ...	10.35	20.00	16.00	3.73	4.00	6.05	3.50
<i>Wheat feed (mixed feed)</i>									
4144	Excelsior Milling Co., Minneapolis, Minn. Pure Camel Fancy Wheat ..	Putnam: Dayville Grain Co. ....	10.43	15.63	16.00	5.35	8.50	4.50	5.00
3797	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Fancy .....	Kensington: S. F. Labienec .....	11.48	16.50	15.00	5.73	7.50	4.10	3.50
3499	H. H. King Flour Mills Co., Minneapolis, Minn. "Gold Mine" .....	Plantsville: C. A. Cowles .....	12.75	18.00	15.00	6.83	9.50	4.53	4.50
3565	E. Manchester & Sons, Winsted, Conn. Red Star .....	Winsted: E. Manchester & Sons .....	12.03	17.38	16.00	6.80	7.50	4.68	4.00
2302	Meech & Stoddard, Inc., Middletown, Conn. Red Wing .....	Bloomfield: Bloomfield Farmers' Exchange .....	11.10	16.88	15.00	6.80	10.00	5.10	4.50
3559	Geo. O. Moon & Co., Binghamton, N. Y. Moon's Fresh Ground (with ground screenings) .....	Norfolk: Aug. P. Curtis .....	11.40	14.75	15.00	7.05	10.00	3.45	5.00
2290	Northwestern Consolidated Milling Div. of Standard Milling Co., Minneapolis, Minn. XXX Comet .....	Bloomfield: Bloomfield Farmers' Exchange .....	10.70	18.94	16.00	1.60	4.00	4.53	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Found	(Guaranteed, not less than	Found	(Guaranteed, not more than	Found	(Guaranteed, not less than	Found
<b>Wheat Products—Concluded</b>										
<i>Wheat feed (mixed feed)—Concluded</i>										
3598	Park & Pollard Co., Buffalo, N. Y.	Woodbury: C. L. Adams Co. ....	11.58	17.50	15.50	6.38	8.00	5.01	3.35	
3539	P & P Heavy Wheat ..... Pillsbury Flour Mills Co., Minne- apolis, Minn. Pillsbury's Fancy, with Screenings .....	Danbury: F. C. Benjamin .....	11.70	17.38	15.00	5.45	8.50	4.38	4.00	
4156	The Quaker Oats Co., Chicago, Ill. Buckeye .....	Manufacturer's sample .....	8.08	19.81	15.50	7.25	10.00	4.25	4.50	
3183	Russell Miller Milling Co., Minne- apolis, Minn. Hard Wheat Occident D. A. Stickell & Sons, Hagerstown, Md. ....	Bloomfield: Bloomfield Farmers' Exchange .....	11.70	15.75	15.00	6.80	9.50	4.63	4.50	
3602	St. Albans Grain Co., St. Albans, Vt. Wirthmore .....	Bethlehem: A. T. Miner .....	11.55	17.38	15.00	5.83	9.00	4.53	4.50	
3658	Yantic Grain & Products Co., Nor- wich, Conn. Big Y .....	Branford: S. V. Osborn Est. ....	11.85	17.13	15.00	6.60	8.00	4.33	4.50	
3158		Tariffville: Tariffville Grain Co. ....	12.58	18.75	16.00	7.15	8.00	4.28	4.00	
<b>Maize Products</b>										
<i>Corn Gluten Feed</i>										
3896	American Maize Products Co., New York City. Cream of Corn Gluten Feed .....	Manufacturer's sample .....	8.00	27.50	25.00	7.23	8.50	3.78	2.00	



2133	Anheuser-Busch, Inc., St. Louis, Mo. Corn Gluten Feed .....	Amston: Amston Grain Mill .....	10.80	25.88	25.00	5.85	8.50	2.30	2.00
3238	Clinton Corn Syrup Refining Co., Clinton, Iowa. Clinton Corn Gluten Feed .....	Putnam: Dayville Grain Co. ....	10.35	27.75	25.00	5.80	8.50	2.35	2.00
2230	Corn Products Sales Co., New York City. Buffalo Corn Gluten Feed ..	Wallingford: A. E. Hall .....	11.23	25.63	25.00	6.55	8.50	1.65	2.00
3110	Corn Products Sales Co., New York City. Diamond Corn Gluten Meal ..	Kensington: A. S. Labieniec .....	9.38	41.88	43.00	2.55	4.00	2.13	1.00
2195	Flory Milling Co., Inc., Bangor, Pa. Corn Feed Meal .....	Sandy Hook: Consumer's Food Stores, Inc. ....	13.38	10.25	10.00	3.68	5.00	6.88	5.00
2171	Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa. Douglas Corn Gluten Feed .....	Shelton: Wolf Savitsky .....	10.33	27.94	25.00	6.75	8.50	2.48	1.50
3606	Ralston Purina Co., St. Louis, Mo. Corn Feed Meal .....	Waterbury: Waterbury Feed Store ...	11.65	10.25	8.50	2.55	5.00	5.10	3.00
2127	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Corn Gluten Feed .....	Colchester: P. Cutler, Inc. ....	10.30	28.44	25.00	4.78	8.00	3.20	1.00
3502	Jacob Trinley & Sons, Linfield, Pa. Corn Feed Meal .....	West Cheshire: Cheshire Grain & Coal Co. ....	11.98	9.56	8.00	3.45	4.00	6.13	3.00
3114	Union Starch & Refining Co., Colum- bus, Ind. Union Corn Gluten Feed	Plainville: State Farmers' Co-op. ....	12.50	27.13	25.00	6.21	8.00	1.65	1.00
<i>Hominy feed</i>									
1914	Acme-Evans Co., Indianapolis, Ind. Acme .....	West Cheshire: Cheshire Grain & Coal Co. ....	11.25	10.63	10.00	4.08	6.00	7.65	7.00
3709	Decatur Milling Co., Inc., Decatur, Ill. Homco .....	New Haven: Moran-Paton Co. ....	11.28	11.25	10.00	4.08	6.00	7.35	7.00
2291	Evans Milling Co., Indianapolis, Ind. Enco .....	Bloomfield: Bloomfield Farmers' Exchange .....	8.50	12.50	10.00	5.25	6.00	7.63	6.00
3854	Forbes Bros.—Central Mills, Topeka, Kansas .....	Manufacturer's sample .....	9.33	11.38	10.00	4.50	6.00	8.05	7.00
2261	Kellogg Co., Battle Creek, Mich. White .....	Naugatuck: Naugatuck Grain Co. ....	8.18	11.13	10.00	3.78	5.00	6.78	6.00
3239	Chas. A. Krause Milling Co., Mil- waukee, Wis. Badger White .....	Putnam: Dayville Grain Co. ....	9.80	10.88	10.00	4.35	5.00	6.40	6.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred								
			Water	Protein (N x 6.25)		Fiber		Fat			
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than		
	Maize Products— <i>Concluded</i>										
	<i>Hominy Feed—Concluded</i>										
2124	Miller Cereal Mills, Omaha, Neb. . .	Lebanon: Berkman Grain Co. . . . .	%	9.94	11.00	%	3.50	4.50	%	6.15	7.00
3078	Miner-Hillard Milling Co., Wilkes Barre, Pa. Steam Cooked . . . . .	New London: New London Grain Co. .	9.85	9.75	10.00	3.50	5.00	6.15	5.25	5.00	
3682	Geo. Q. Moon & Co., Inc., Bingham- ton, N. Y. Moon's White . . . . .	Middletown: P. Levson & Son . . . . .	10.50	10.81	10.00	6.45	6.00	8.20	5.00	5.00	
3460	The Patent Cereals Co., Geneva, N.Y. .	Ansonia: Ausonia Flour & Feed Co. . .	8.78	10.94	10.00	4.55	5.00	5.90	5.00	5.00	
3108	Postum Co., Inc., Battle Creek, Mich. Burt's . . . . .	Kensington: A. S. Labieniec . . . . .	11.98	11.06	10.00	4.62	5.00	6.78	6.00	6.00	
1984	Pratt Food Co., Buffalo, N. Y. White .	Bristol: Bristol Supply Co. . . . .	10.15	10.69	10.00	3.55	6.00	6.25	5.00	5.00	
4123	The Quaker Oats Co., Chicago, Ill. White . . . . .	Mt. Carmel: Hamden Grain Co. . . . .	10.28	10.50	10.00	4.00	5.00	6.73	5.00	5.00	
3893	The Quaker Oats Co., Chicago, Ill. Yellow . . . . .	Long Hill: Long Hill Feed Store . . .	9.80	10.44	10.00	3.88	5.00	4.95	5.00	5.00	
3763	St. Albans Grain Co., St. Albans, Vt. Paragon . . . . .	Norwich: Norwich Grain Co. . . . .	9.88	11.13	10.00	4.20	7.00	7.15	6.00	6.00	
	Rye Products										
3192	Upper Hudson Rye Flour Mills, Inc., Troy, N. Y. Upper Hudson . . . . .	Rockville: Rockville Grain & Coal Co. .	10.90	17.75	15.50	4.48	6.00	3.40	3.00	3.00	



TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds—Continued		%	%	%	%	%	%	
3771	<i>Horse feeds—Continued</i>								
	C. W. Campbell Co., Westerly, R. I.	Westerly: C. W. Campbell Co. ....	11.05	11.50	10.00	6.20	8.00	5.48	4.00
3772	Providence .....								
	C. W. Campbell Co., Westerly, R. I.	Westerly: C. W. Campbell Co. ....	10.90	10.00	10.00	10.95	12.00	3.09	2.00
2125	Xtra Vim Molasses .....								
	A. B. Caple Co., Toledo, Ohio.	Colchester: P. Cutler, Inc. ....	9.78	14.88	13.00	26.20	33.00	2.23	1.00
3458	Alfalfa Meal .....								
	G. E. Conkey Co., Cleveland, Ohio.								
	Conkey's All Grain Horse and Mule Feed (with Linseed Meal, Molasses and Salt) .....	Ansonia: A. Hodos & Son .....	12.35	10.13	9.50	6.10	9.50	3.35	3.00
2207	Consumers Food Stores, Inc., Bridge- port, Conn. Gold Bond .....	Bethel: Consumers Food Stores, Inc. ...	11.70	10.25	9.00	7.85	10.00	3.35	2.50
31318	C. A. Cowles, Plantsville, Conn.	Plantsville: C. A. Cowles .....	13.13	11.25	10.00	7.28	10.00	3.20	3.00
3060	Cowles' Molasses .....								
	R. G. Davis & Sons, Inc., New Haven, Conn. Davis .....	Westville: Westville Grain Co. ....	14.45	9.50	9.00	5.79	10.00	3.03	3.00
3459	R. G. Davis & Sons, Inc., New Haven, Conn. Davis No. 1 Provender ...	Ansonia: Ansonia Flour & Feed Co. ...	12.00	10.69	10.00	5.45	8.00	4.08	3.50
3033	Delaware Mills, Inc., Deposit, N. Y. Delaware 85% .....	Manchester: Manchester Grain Co. ...	13.23	10.00	9.00	6.49	10.00	3.50	3.00

3500	Denver Alfalfa Milling & Products Co., Lamar, Colo. Alfalfa Leaf Meal .....	West Cheshire: Cheshire Grain & Coal Co. ....	9.40	18.75	20.00	15.80	18.00	2.29	2.50
3762	Dietrich & Gambrell, Inc., Frederick, Md. Gambrell's .....	Colchester: P. Cutler, Inc. ....	11.90	12.69	10.00	5.08	12.00	3.25	3.50
4150	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Highland 12 .....	Norwich: A. E. Shedd .....	9.60	14.63	12.00	10.33	11.50	3.80	3.50
3133	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Highland 16 .....	New Milford: Paul Caldwell .....	12.23	18.13	16.00	9.59	11.00	2.95	3.50
3131	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Horse & Calf Ration .....	New Milford: Paul Caldwell .....	12.23	11.63	10.50	5.85	7.00	3.75	3.50
3186	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore, with Molasses .....	Glastonbury: Stanley Melzen .....	13.40	9.81	9.00	5.30	11.00	3.20	2.50
3710	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Conestoga .....	New Haven: Moran-Paton Co. ....	9.70	11.13	9.00	6.33	10.00	3.83	3.00
2022	John W. Eshelman & Sons, Lancaster, Pa. Eshelman's Garden Spot .....	So. Norwalk: Roodner Feed Co. ....	5.65	9.56	7.00	9.53	10.00	3.30	2.00
3509	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Liberty .....	Bethel: Morrison & Dunham .....	14.03	9.94	9.00	9.80	11.00	2.83	2.50
3631	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Liberty .....	Southport: C. Buckingham & Co. ....	8.20	9.00	7.00	11.95	10.00	2.00	2.00
3701	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Alfalfa Meal .....	Thompsonville: Geo. S. Phelps & Co....	8.55	13.94	13.00	29.20	33.00	1.88	1.50
3471	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 85 .....	Wallingford: A. E. Hall .....	11.60	11.13	9.00	6.28	10.00	4.10	3.00
3744	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Pure Ground Corn and Oats .....	Danielson: Kennedy Corp. ....	9.93	10.63	10.00	5.80	9.00	4.03	4.00
3792	John W. Eshelman & Sons, Lancaster, Pa. Steam Cooked .....	Westerly: C. W. Campbell Co. ....	8.90	10.88	9.00	4.15	6.00	3.65	4.00
2194	Flory Milling Co., Inc., Bangor, Pa. Ground Corn and Oats .....	Sandy Hook: Consumers Food Stores, Inc. ....	10.80	10.25	8.00	8.35	15.00	4.95	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	Proprietary Mixed Feeds—Continued		%	%	%	%	%	%	%	
	<i>Horse feeds—Continued</i>									
2150	J. A. Forrest, Minneapolis, Minn.	Willimantic: Willimantic Grain Co. ....	13.58	10.13	14.00	3.28	3.90	3.98	5.00	
3686	Alpine Ground Feeding Oatmeal .. D. H. Grandin Milling Co., James- town, N. Y. Grandin's Sweetened	Manchester: O. E. Bailey .....	12.15	11.38	9.50	5.55	11.00	3.80	3.50	
4151	Hales & Hunter Co., Chicago, Ill. College .....	Lebanon: Berkman Grain Co. ....	10.58	11.88	9.00	5.45	10.00	3.60	2.50	
3006	H. P. Kysor Feed & Grain Co., New Haven, Conn. Kysor's A-1 .....	Kensington: A. S. Labieniec .....	12.45	12.00	10.00	5.17	8.00	5.36	4.00	
3480	Maritime Milling Co., Inc., Buffalo, N. Y. Bull Brand .....	Wallingford: Laden Bros. Co., Inc. ....	13.38	10.50	8.00	5.88	10.00	3.15	2.00	
3482	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Molasses .....	Meriden: Meriden Grain & Coal Co. ...	12.80	10.00	9.00	6.50	10.00	2.85	5.00	
3675	Geo. O. Moon & Co., Inc., Bingham- ton, N. Y. Moon's with Molasses ..	Higganum: Felix Petrofsky .....	11.83	9.38	9.00	8.05	10.00	3.33	3.00	
3557	Geo. O. Moon & Co., Inc., Bingham- ton, N. Y. Old Times .....	Norfolk: Aug. P. Curtis .....	11.03	10.25	8.50	9.00	9.00	5.45	4.50	
3662	Fred C. Morse & Son, Guilford, Conn. Old Mill .....	Guilford: Fred C. Morse & Son .....	12.55	12.25	12.00	5.28	8.00	4.25	4.00	
2096	Fred C. Morse & Son, Guilford, Conn. Old Mill Provender .....	Guilford: Fred C. Morse & Son .....	11.65	10.44	10.00	6.05	6.00	5.13	3.25	

2162	Ontario Milling Co., Inc., Oswego, N. Y. Onto, with Molasses	Middletown: P. Levson & Son	13.00	11.31	10.00	6.45	10.00	3.60	3.20
2088	S. V. Osborn Est., Branford, Conn.	Branford: S. V. Osborn Est.	11.05	10.81	10.00	5.58	8.00	4.33	4.00
1923	Osborn Provender	Plainville: State Farmers Co-op. Assoc.	11.98	10.81	10.00	6.03	8.00	4.05	3.00
3184	Park & Pollard Co., Buffalo, N. Y.	Bloomfield: Farmers' Exchange	14.20	11.44	10.00	6.80	9.00	4.30	3.50
3616	Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico. Alfalfa Meal	Stratford: Farmers' Flour & Grain Co.	7.68	12.50	13.00	32.95	33.00	1.33	1.50
3109	Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico. Peevee Alfalfa Leaf Meal	Kensington: A. S. Labieniec	10.78	20.13	20.00	15.04	18.00	2.50	2.50
1986	Pratt Food Co., Buffalo, N. Y.	Bristol: Bristol Supply Co.	12.60	8.25	7.50	7.93	10.00	3.53	2.00
3050	The Quaker Oats Co., Chicago, Ill.	Seymour: Seymour Grain & Coal Co.	7.38	14.38	13.00	15.56	18.00	4.95	4.50
3700	The Quaker Oats Co., Chicago, Ill.	Thompsonville: Geo. S. Phelps & Co.	11.13	11.88	10.00	9.38	12.00	3.00	2.50
3209	The Quaker Oats Co., Chicago, Ill.	Thompsonville: Geo. S. Phelps & Co.	8.83	5.50	5.00	24.18	27.50	1.48	1.25
3464	Sugared Vim Feed	Seymour: Seymour Grain & Coal Co.	7.43	4.88	5.00	28.95	30.00	1.70	2.00
3717	The Quaker Oats Co., Chicago, Ill.	Portland: Valley Mills	9.70	11.63	10.00	7.03	10.00	5.28	4.00
3647	Ralston Purina Co., St. Louis, Mo.	New Canaan: Clapboard Hill Co.	12.08	8.75	6.00	19.08	30.00	1.30	1.00
3648	Corn & Oat Provender	New Canaan: Clapboard Hill Co.	11.68	13.38	9.00	11.85	15.00	2.63	1.30
3719	Ralston Purina Co., St. Louis, Mo.	Portland: Valley Mills	11.63	11.50	10.00	7.98	11.00	4.05	3.20
2082	Purina Bulky Omolene Chow	Stamford: Clapboard Hill Co.	8.90	15.00	15.00	1.45	2.00	5.85	5.00
	Ralston Purina Co., St. Louis, Mo.								
	Purina Checkerboard Rolled Oats (Steam-Cooked)								

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds—Continued <i>Horse feeds—Concluded</i>		%	%	%	%	%	%	%	%
3683	Ralston Purina Co., St. Louis, Mo.	Manchester: Manchester Grain Co. ...	11.23	11.75	10.00	6.65	9.00	4.03	3.20	
3463	Purina Omolene Chow .....	Seymour: Seymour Grain & Coal Co.	12.50	10.88	10.00	8.70	7.00	4.13	3.50	
3106	Conn. Miracle Molasses .....	Meriden: H. Grulich .....	12.15	10.63	9.00	12.01	19.00	2.30	1.25	
3107	St. Albans Grain Co., St. Albans, Vt.	Meriden: H. Grulich .....	12.58	10.06	9.80	6.76	9.00	4.00	3.25	
3580	Wirthmore .....	Middlefield: Terrill & Burnham .....	11.08	9.94	9.00	6.60	12.00	2.83	2.50	
2025	D. A. Stickell & Sons, Inc., Hagers- town, Md. Super Horse & Calf Feed .....	So. Norwalk: Ferris-Devine Co. ....	11.53	9.69	8.00	8.50	12.00	2.93	2.50	
3987	Syracuse Milling Co., Syracuse, N. Y. Syracold, with Molasses .....	Hawleyville: W. A. Honan .....	9.83	11.25	9.20	7.05	8.00	4.23	4.00	
3508	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby Ground Corn and Oats .....	Bethel: Morrison & Dunham .....	16.19	12.13	10.00	6.18	10.00	2.24	3.50	
4158	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Neverfail .....	Bethel: Morrison & Dunham .....	11.55	11.50	10.00	4.60	10.00	4.00	3.50	



3054	Jacob Trinley & Sons, Linfield, Pa. Supreme 85% .....	Bridgeport: Conn. Feed Co. ....	14.68	10.00	9.00	7.08	11.00	3.40	3.00
3115	Wayne County Grangers Feed Corp., Clyde, N. Y. "Universal" .....	Plainville: W. S. Eaton .....	12.75	11.88	10.00	4.59	9.00	3.30	3.00
3562	West-Nesbitt, Inc., Oneonta, N. Y. Pure Feed Ration .....	Winsted: Chas. R. Hawley .....	12.95	12.25	9.00	9.78	10.00	2.83	3.00
3672	Yantic Grain & Products Co., Nor- wich, Conn. Almo .....	East Haddam: East Haddam Grain Co. Middlefield: Middlefield Center Feed Co. ....	10.20	11.69	10.00	16.88	16.00	1.90	1.50
3091	Yantic Grain & Products Co., Nor- wich, Conn. Big Y .....		13.55	10.25	9.00	6.84	8.00	3.30	3.00
3734	Yantic Grain & Products Co., Nor- wich, Conn. Big (Y) Sugared Oat Feed .....	Abington: Weeks Bros. ....	8.85	6.13	5.00	24.00	27.50	1.80	1.25
<i>Dairy feeds</i>									
3518	Allied Mills, Inc., Chicago, Ill. Amco 20% Dairy Ration .....	Danbury: C. S. Barnum & Son .....	10.05	20.56	20.00	7.65	9.00	4.03	3.50
3519	Allied Mills, Inc., Chicago, Ill. Amco 24% Dairy Ration .....	Danbury: C. S. Barnum & Son .....	10.30	25.38	24.00	7.25	9.00	3.73	3.50
4131	Allied Mills, Inc., Chicago, Ill. Amco 32% Supplement Dairy Ration .....	Plainville: Sunshine Feed Store .....	8.75	32.50	32.00	6.03	9.00	4.55	4.00
3457	Allied Mills, Inc., Chicago, Ill. Em- pire 20% Dairy Ration .....	Ansonia: A. Hodos & Son .....	11.20	20.00	20.00	8.80	12.00	2.23	3.00
3898	Arcady Farms Milling Co., Chicago, Ill. Advanced Registry Dairy Feed .....	New Britain: S. P. Stropole .....	8.70	27.75	25.00	8.08	10.00	4.33	4.00
2243	Arcady Farms Milling Co., Chicago, Ill. Arcady Open Formula Produc- tion Ration .....	Meriden: Raymond Ives .....	11.80	21.56	20.00	5.83	9.00	2.68	3.50
3758	Arcady Farms Milling Co., Chicago, Ill. Arcady 24% Open Formula Production Ration .....	Lebanon: Berkman Grain Co. ....	10.08	25.75	24.00	6.53	9.00	4.10	4.00
3485	Arcady Farms Milling Co., Chicago, Ill. Milkers Ready Ration .....	Meriden: Reliable Feed Store .....	10.58	21.75	22.00	9.85	12.00	4.00	4.00
3249	E. W. Bailey & Co., Montpelier, Vt. Our 20% Special Dairy Ration ...	Jewett City: Jewett City Grain Co. ...	11.10	20.13	20.00	7.40	9.00	3.55	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	Proprietary Mixed Feeds—Continued Dairy feeds—Continued		%	%	%	%	%	%	%	
3757	E. W. Bailey & Co., Montpelier, Vt. Sweetened Bailey's 16% Dairy Ra- tion .....	Lebanon: Berkman Grain Co. ....	9.53	17.38	16.00	6.25	9.00	5.53	5.00	
3756	E. W. Bailey & Co., Montpelier, Vt. Sweetened Favorite Dairy Ration...	Lebanon: Berkman Grain Co. ....	10.25	21.50	20.00	6.45	7.50	4.78	4.50	
3749	E. W. Bailey & Co., Montpelier, Vt. Sweetened Capital Dairy Ration ...	Jewett City: Jewett City Grain Co. ...	11.15	25.19	24.00	6.43	9.00	4.08	5.00	
3516	Beacon Milling Co., Inc., Cayuga, N. Y. Auburn Dairy Feed .....	Danbury: C. S. Barnum & Son .....	10.78	21.56	20.00	8.05	10.00	4.80	4.00	
3544	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Dairy Ration .....	New Milford: W. L. Richmond & Son	11.50	24.63	24.00	8.38	9.00	4.90	4.50	
3650	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon 20 .....	Danbury: C. S. Barnum & Son .....	9.53	20.88	20.00	7.43	9.00	4.94	4.50	
3622	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Sweet '20' .....	Bridgeport: H. C. Ferris .....	11.78	21.44	20.00	7.08	9.00	4.28	4.50	
3515	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Sweet '24' .....	Danbury: C. S. Barnum & Son .....	10.98	25.69	24.00	8.00	9.00	4.45	4.00	
4147	Black Rock Milling Corp., Buffalo, N. Y. Bidwell 20% Dairy Ration	Putnam: Bosworth Bros. ....	10.33	21.88	20.00	7.58	11.00	3.53	4.00	
3607	Black Rock Milling Corp., Buffalo, N. Y. Bidwell 24% Dairy Ration	Waterbury: Spencer Grain Co. ....	10.38	23.25	24.00	6.85	11.00	3.53	4.00	

3597	Black Rock Milling Corp., Buffalo, N. Y. Paramount 20% Dairy Ration	Woodbury: C. L. Adams Co. ....	9.95	21.38	20.00	9.45	10.00	4.04	4.00
2311	Amos D. Bridge's Sons, Hazardville, Conn. Success Dairy Ration .....	Hazardville: Amos D. Bridge's Sons..	9.33	22.63	20.00	8.78	9.50	4.58	4.20
2129	L. Broder Grain Store, Colchester, Conn. L. B. Milk Ration .....	Colchester: L. Broder Grain Store .....	9.23	21.25	20.00	6.80	8.50	4.95	5.00
2005	C. Buckingham & Co., Southport, Conn. C. B. ....	Southport: C. Buckingham & Co. ....	9.38	24.88	22.81	8.70	9.40	5.35	4.61
3848	C. Buckingham & Co., Southport, Conn. C. B. 20% .....	Southport: C. Buckingham & Co. ....	9.75	20.88	20.00	7.40	10.00	4.28	4.00
3769	C. W. Campbell Co., Westerly, R. I. Milky Ration .....	Westerly: C. W. Campbell Co. ....	9.75	21.00	20.00	8.40	8.00	4.13	4.50
3770	C. W. Campbell Co., Westerly, R. I. No Botheration .....	Westerly: C. W. Campbell Co. ....	9.53	20.94	20.00	7.15	8.00	4.75	4.00
3103	The Coles Co., Middletown, Conn. Capital 20% Molasses Dairy Feed..	Middletown: The Coles Co. ....	11.63	21.50	20.00	10.68	11.00	4.28	4.00
3102	The Coles Co., Middletown, Conn. Selco 24% Molasses Dairy Feed ..	Middletown: The Coles Co. ....	11.73	24.38	24.00	8.78	10.00	4.15	4.50
2193	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond 16% Dairy Feed .....	Sandy Hook: Consumers Food Stores, Inc. ....	10.00	17.19	16.00	10.08	12.00	3.75	3.50
3652	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond 20% Dairy Feed .....	Sandy Hook: Consumers Food Stores, Inc. ....	11.03	21.88	20.00	7.90	9.00	3.64	5.00
2205	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond 24% Dairy Feed .....	Rethel: Consumers Food Stores, Inc. ..	10.43	25.00	24.00	9.10	11.00	4.55	4.50
3224	E. A. Cowce Co., Fitchburg, Mass. Coweco 20% Ration .....	Quineaug: M. T. Dartt .....	10.55	21.25	20.00	6.75	10.00	4.15	4.00
3119	C. A. Cowles, Plantsville, Conn. Cowles 20% Dairy Ration .....	Plantsville: C. A. Cowles .....	10.03	22.50	20.00	8.62	10.00	5.13	5.00
3486	C. A. Cowles, Plantsville, Conn. Cowles 24% Dairy Ration .....	Plantsville: C. A. Cowles .....	11.08	23.38	24.00	6.70	10.00	4.95	5.00
3089	P. Cutler, Inc., Colchester, Conn. Prosperity Dairy Ration .....	Colchester: P. Cutler, Inc. ....	10.85	25.00	24.00	6.63	12.00	4.48	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	Proprietary Mixed Feeds—Continued									
	Dairy feeds—Continued									
2128	P. Cutler, Inc., Colchester, Conn.	Colchester: P. Cutler, Inc. ....	9.15	24.88	24.00	8.55	12.00	4.25	4.00	
3087	Prosperity Economy Dairy Ration P. Cutler, Inc., Colchester, Conn.	Colchester: P. Cutler, Inc. ....	10.58	21.63	20.00	9.13	12.00	4.15	4.00	
3069	Prosperity Special Dairy Feed .... R. G. Davis & Sons, Inc., New Haven, Conn. Basic Dairy Ration .....	Westville: Westville Grain Co. ....	11.70	22.63	20.00	6.82	9.00	4.10	4.50	
3653	R. G. Davis & Sons, Inc., New Haven, Conn. Basic Dairy Ration .....	Westville: Westville Grain Co. ....	10.85	22.38	20.00	6.98	9.00	4.50	4.50	
3657	R. G. Davis & Sons, Inc., New Haven, Conn. 20% Open Formula .....	Westville: Westville Grain Co. ....	11.33	19.88	20.00	6.55	8.00	3.80	4.00	
3014	Delaware Mills, Inc., Deposit, N. Y. Delaware Dairy Feed .....	Southington: Southington Lumber Co.	9.40	23.50	23.00	8.15	10.00	6.18	5.00	
3032	Delaware Mills, Inc., Deposit, N. Y. Delaware Sweet 24% Dairy Feed...	Manchester: Manchester Grain Co. ...	11.33	19.13	24.00	6.96	10.00	4.23	4.50	
3590	Delaware Mills, Inc., Deposit, N. Y. Delaware Sweet 24% Dairy Feed...	Hartford: New York Feed Corp. ....	11.13	24.25	24.00	7.65	10.00	4.20	4.50	
3450	Delaware Mills, Inc., Deposit, N. Y. Delco Sweet 20% Dairy Feed ....	Derby: Derby Feed Store .....	11.00	19.13	20.00	9.90	10.00	5.00	4.50	
3591	Delaware Mills, Inc., Deposit, N. Y. Delco Sweet 20% Dairy Feed ....	Hartford: New York Feed Corp. ....	12.08	21.69	20.00	8.25	10.00	3.73	4.50	

3740	Dietrich & Cambrill, Inc., Frederick, Md. D & G Dairy Feed .....	Danielson: Young Bros. Co. ....	10.85	20.75	20.00	10.23	12.00	3.90	4.00
3668	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Fulpai Dairy Ration .....	Clinton: A. L. Lockwood .....	10.90	21.88	20.00	6.60	8.00	4.40	4.50
2109	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Highland 20 .....	Norwich: A. E. Shedd .....	10.90	22.06	20.00	8.23	12.00	5.38	4.00
4149	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Milkmore Dairy Ration .....	Norwich: A. E. Shedd .....	10.05	26.25	24.00	6.80	8.00	4.58	4.50
3132	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Sixteen Dairy Ration .....	New Milford: Paul Caldwell .....	11.13	19.06	16.00	6.78	8.00	4.85	4.00
4138	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Waldorf Formula ..	Hazardville: A. D. Bridge's Sons .....	8.35	23.50	20.00	8.55	9.00	3.98	4.00
3152	John W. Eshelman & Sons, Lancaster, Pa. Certified 20% Dairy Ration ..	Simsbury: H. B. Bunnell & Co. ....	10.15	22.06	20.00	7.43	8.00	4.80	4.00
3986	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified 24% Dairy Feed .....	Cos Cob: A. R. Belmont .....	9.08	25.94	24.00	7.20	8.00	4.63	4.50
3743	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Challenge Dairy Feed	Danielson: The Kennedy Corp. ....	9.93	23.50	24.00	8.83	11.00	4.28	4.00
3470	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Conestoga 20 Dairy Feed .....	Wallingford: A. E. Hall .....	9.83	23.00	20.00	7.30	11.00	4.55	4.00
3985	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Lancaster 20 Dairy Feed .....	Cos Cob: A. R. Belmont .....	9.95	22.56	20.00	8.65	11.00	4.23	4.00
3707	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Open Formula 20 Dairy Feed .....	New Haven: Moran-Paton Co. ....	10.10	22.13	20.00	8.23	9.00	4.25	4.00
3630	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Penny 16 Dairy Feed	Southport: C. Buckingham & Co. ....	11.20	18.63	16.00	8.73	11.00	3.65	3.00
3469	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 24 Dairy Feed .....	Wallingford: A. E. Hall .....	10.05	25.00	24.00	7.65	11.00	4.18	4.00



2136	J. B. Ham Co., Auburn, Me. Farmer Boy 18% Dairy Ration with Molasses .....	Stafford Springs: Stafford Farmers' Co-op. Assoc. ....	10.30	20.50	18.00	11.55	12.00	3.15	4.00
2142	J. B. Ham Co., Auburn, Me. Farmer Boy 20% Dairy Ration with Molasses .....	Stafford Springs: Stafford Farmers' Co-op. Assoc. ....	11.48	20.00	20.00	6.78	8.00	4.75	4.50
3725	J. B. Ham Co., Auburn, Me. Farmer Boy 24% Dairy Ration with Molasses .....	Stafford Springs: Denis Grain Mill .....	11.45	25.19	24.00	6.93	8.00	4.28	4.50
3007	H. P. Kysor Feed & Grain Co., New Haven, Conn. Kysor's A-1 20% Dairy Ration .....	Plainville: State Farmers' Co-op. Assoc. Kensington: A. S. Labieniec .....	10.82	23.00	20.00	7.20	8.50	3.73	3.50
2258	A. S. Labieniec, Kensington, Conn. Reliable 20% Dairy Feed .....	Kensington: A. S. Labieniec .....	9.95	20.75	20.00	7.88	9.00	5.00	4.00
2259	A. S. Labieniec, Kensington, Conn. Reliable 24% Dairy Feed .....	Kensington: A. S. Labieniec .....	9.68	25.00	24.00	7.33	9.00	4.90	4.50
3477	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Dairy Feed .....	Wallingford: Laden Bros. Co., Inc. ....	13.55	18.13	20.00	9.80	9.00	3.68	4.50
3127	Larroe Milling Co., Detroit, Mich. Larro The Ready Ration for Dairy Cows .....	Plantville: C. A. Cowles .....	11.18	21.00	20.00	9.05	12.00	4.23	4.00
3633	Libner Grain Co., Inc., Norwalk, Conn. 20% Libner's Blue Ribbon Dairy Ration .....	Norwalk: Libner Grain Co., Inc. ....	10.88	20.88	20.00	6.93	9.00	4.13	4.00
3634	Libner Grain Co., Inc., Norwalk, Conn. 24% Libner's Blue Ribbon Dairy Ration .....	Norwalk: Libner Grain Co., Inc. ....	10.68	24.94	24.00	6.78	9.00	4.45	4.50
3113	C. W. Lines Co., New Britain, Conn. Mill Pride Dairy Ration .....	New Britain: C. W. Lines Co. ....	10.45	24.63	24.00	8.02	10.00	4.53	5.00
2279	Litchfield County Co-op. Assoc., Tor- rington, Conn. Common Sense Dairy Ration .....	Torrington: Litchfield County Co-op. Assoc. ....	9.85	20.69	20.00	7.23	9.00	4.53	4.50
1912	Long Hill Feed Store, Long Hill, Conn. Square Deal Dairy Ration ..	Long Hill: Long Hill Feed Store ....	8.90	19.75	20.00	9.24	10.00	4.30	5.00
3564	E. Manchester & Sons, Winsted, Conn. Red Star Special Dairy Feed	Winsted: E. Manchester & Sons .....	10.68	21.00	20.00	7.20	10.00	4.65	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds—Continued							
	<i>Dairy feeds—Continued</i>							
3563	E. Manchester & Sons, Winsted, Conn. Sweet Sixteen Red Star Dairy Feed .....	Winsted: E. Manchester & Sons .....	11.13	18.63	16.00	7.35	10.00	4.90
3705	Maritime Milling Co., Inc., Buffalo, N. Y. B-B Marmico 16% Protein Dairy Feed with Molasses .....	Collinsville: Chas. H. LeGeyt .....	10.73	18.31	16.00	10.78	12.00	4.38
3704	Maritime Milling Co., Inc., Buffalo, N. Y. Bull Brand "24" Dairy Ration, Sweetened .....	Collinsville: Chas. H. LeGeyt .....	9.78	25.13	24.00	9.30	11.00	4.55
3799	Maritime Milling Co., Inc., Buffalo, N. Y. Sweetened Bull Brand "20" Dairy Ration .....	Windsor: Lewis Bros. ....	10.08	20.81	20.00	7.23	11.00	2.80
3481	Maritime Milling Co., Inc., Buffalo, N. Y. Sweetened Dollar Maker 20% Protein Dairy Feed .....	Meriden: Meriden Grain & Coal Co. ..	10.75	21.63	20.00	10.33	12.00	3.53
3523	Maritime Milling Co., Inc., Buffalo, N. Y. Sweetened Dollar Maker 24% Protein Dairy Feed .....	Brookfield: S. A. Smith & Son .....	10.30	24.00	24.00	10.03	12.00	3.43
2239	Meech & Stoddard, Inc., Middletown, Conn. Red Wing 20% Dairy Ration	Meriden: Meriden Grain & Coal Co. ..	10.13	21.75	20.00	7.35	12.00	4.90



2240	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Dairy Ration 24%	Meriden: Meriden Grain & Coal Co. ...	8.93	24.50	24.00	7.70	12.00	6.03	5.00
3677	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's 20% Dairy Feed with Molasses	Middletown: P. Levson & Son .....	10.18	20.31	20.00	10.90	11.00	3.80	4.50
3668	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's 24% Dairy Feed	Stratford: S. Z. Ingersoll .....	9.40	25.25	24.00	6.60	10.00	4.85	5.00
3678	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Special A Dairy 20% Ration	Middletown: P. Levson & Son .....	10.58	21.88	20.00	7.05	10.00	4.13	4.00
3661	Fred C. Morse & Son, Guilford, Conn. Old Mill 20% Dairy Feed	Guilford: Fred C. Morse & Son .....	10.73	22.63	20.00	7.83	9.00	4.50	4.50
3664	Fred C. Morse & Son, Guilford, Conn. Old Mill 24% Dairy Feed	Guilford: Fred C. Morse & Son .....	10.48	25.00	24.00	7.13	9.00	4.65	4.75
2161	Ontario Milling Co., Inc., Oswego, N. Y. Big Value 20% Dairy Feed with Molasses	Middletown: P. Levson & Son .....	11.18	21.88	20.00	6.85	10.00	4.43	4.50
3553	Ontario Milling Co., Inc., Oswego, N. Y. Oswego 20% Dairy Feed with Molasses	Sharon: Frank A. Wike & Co. ....	11.18	20.44	20.00	7.10	12.00	3.58	4.00
2163	Ontario Milling Co., Inc., Oswego, N. Y. Oswego 24% Dairy Feed with Molasses	Middletown: P. Levson & Son .....	10.53	21.94	24.00	6.68	12.00	4.43	4.00
3753	Park & Pollard Co., Buffalo, N. Y. Bet-R-Milk 20% Dairy Ration	Norwich: A. E. Shedd .....	10.75	18.75	20.00	7.40	9.00	3.60	4.00
3501	Park & Pollard Co., Buffalo, N. Y. Claco Dairy Ration	West Cheshire: Cheshire Grain & Coal Co. ....	10.75	21.75	20.00	6.78	9.00	4.40	4.50
3588	Park & Pollard Co., Buffalo, N. Y. Fawthrop's Special 20% Dairy Ration	Cromwell: Walter Fawthrop .....	11.83	22.13	20.00	5.80	9.00	3.48	3.50
2202	Park & Pollard Co., Buffalo, N. Y. Holcomb's Sweetened 20% Dairy Ration	Newtown: R. H. Holcomb & Co. ....	10.53	21.44	20.00	7.75	9.00	4.23	4.00
3567	Park & Pollard Co., Buffalo, N. Y. Milk Maid 24% Sweetened Dairy Ration	East Winsted: Leonard Grain Co. ....	11.38	21.88	24.00	7.55	11.00	3.90	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds—Continued		%	%	%	%	%	%	%	%
	<i>Dairy feeds—Continued</i>									
3568	Park & Pollard Co., Buffalo, N. Y.	East Winsted: Leonard Grain Co. ....	10.25	24.19	24.00	7.60	9.00	4.55	4.50	
3754	Overall 24% Dairy Ration .....									
	Park & Pollard Co., Buffalo, N. Y.	Norwich: A. E. Shedd .....	9.55	17.31	16.00	9.65	12.00	3.73	3.50	
1977	Top Notch 16% Dairy Ration .....	Plainville:								
	Park & Pollard Co., Buffalo, N. Y.	State Farmers' Co-op. Assoc. ....	11.05	20.25	20.00	6.27	9.00	3.10	3.50	
4133	Yankee Dairy Ration .....									
	H. C. Puffer Co., Springfield, Mass.									
	20% Producer Dairy Feed .....	Simsbury: H. B. Bunnell & Co. ....	9.85	22.63	20.00	6.70	8.50	4.40	3.50	
3153	H. C. Puffer Co., Springfield, Mass.									
	24% Producer Dairy Feed .....	Simsbury: H. B. Bunnell & Co. ....	9.90	27.50	24.00	7.30	8.50	4.60	4.00	
4154	The Quaker Oats Co., Chicago, Ill.	Manufacturer's sample .....	6.65	16.63	16.00	12.73	13.50	3.70	3.50	
4153	Quaker 16% Protein Dairy Ration									
	The Quaker Oats Co., Chicago, Ill.	Manufacturer's sample .....	6.95	21.25	20.00	11.50	12.00	3.98	3.25	
4155	Quaker 20% Protein Dairy Ration									
	The Quaker Oats Co., Chicago, Ill.	Manufacturer's sample .....	6.60	25.94	24.00	11.50	12.00	4.38	4.00	
3387	Quaker 24% Protein Dairy Ration									
	Ralston Purina Co., St. Louis, Mo.									
	Protena 16% Dairy Feed .....	New Milford: W. L. Richmond & Son	12.50	21.25	16.00	7.34	14.00	5.03	3.00	
3604	Ralston Purina Co., St. Louis, Mo.									
	Protena 20% Dairy Feed .....	Waterbury: Waterbury Feed Store ...	12.35	21.88	20.00	6.80	14.00	4.03	3.00	

3845	Ralston Purina Co., St. Louis, Mo. Proteina 24% Dairy Feed (Buffalo Milk) .....	Stratford: Farmers' Flour & Grain Co.	9.33	24.63	24.00	10.10	14.00	4.15	3.00
3468	Ralston Purina Co., St. Louis, Mo. Purina 20% Cow Chow .....	Wallingford: A. E. Hall .....	10.90	22.25	20.00	9.85	12.00	3.93	3.00
3603	Ralston Purina Co., St. Louis, Mo. Purina 24% Cow Chow .....	Waterbury: Waterbury Feed Store ...	11.45	25.19	24.00	9.85	12.00	4.38	3.00
2189	Seymour Grain & Coal Co., Seymour, Conn. 18% Dairy Ration .....	Seymour: Seymour Grain & Coal Co....	9.83	19.69	18.00	9.78	10.00	3.88	4.00
3063	Seymour Grain & Coal Co., Seymour, Conn. 18% Dairy Ration .....	Seymour: Seymour Grain & Coal Co....	10.10	19.81	18.00	10.69	10.00	4.08	4.00
3051	Seymour Grain & Coal Co., Seymour, Conn. Miracle Cow Feed .....	Seymour: Seymour Grain & Coal Co....	10.20	21.25	20.00	7.76	9.00	4.93	4.25
3462	Seymour Grain & Coal Co., Seymour, Conn. See-More Milk Dairy Feed ..	Seymour: Seymour Grain & Coal Co....	11.10	21.00	20.00	6.90	8.50	5.00	4.50
2157	Ike Sovitsky, Ansonia, Conn. An- sonia 20% Sweetened Dairy Feed...	Ansonia: Ike Sovitsky .....	8.85	20.75	20.00	9.25	11.00	4.50	4.50
3593	Ike Sovitsky, Ansonia, Conn. Conn. State Open Formula Dairy Ration ..	Ansonia: Ike Sovitsky .....	11.05	21.19	20.00	9.00	9.00	4.30	4.50
3555	St. Albans Grain Co., St. Albans, Vt. Hygrade 16 Sweetened Milk Ration	Canaan: Community Service Stores ...	12.43	17.00	16.00	6.70	8.50	4.00	3.50
3104	St. Albans Grain Co., St. Albans, Vt. Hygrade 20% Sweetened Milk Ration .....	Meriden: H. Grulich .....	11.80	18.63	20.00	5.83	8.50	3.98	3.50
3402	St. Albans Grain Co., St. Albans, Vt. Hygrade 20% Sweetened Milk Ration .....	Meriden: H. Grulich .....	12.78	20.88	20.00	6.11	8.50	4.18	3.50
3545	St. Albans Grain Co., St. Albans, Vt. Hygrade 24 Sweetened Milk Ration	Keut: H. H. Taylor & Son .....	11.65	27.25	24.00	6.65	9.00	4.05	3.50
3894	St. Albans Grain Co., St. Albans, Vt. Paragon Dairy Feed .....	Stepney: M. Nushaun .....	9.18	21.06	20.00	10.73	11.00	4.23	3.25
3134	St. Albans Grain Co., St. Albans, Vt. Utility Dairy Ration .....	New Milford: Geo. T. Soule & Co. ...	10.65	20.50	20.00	9.65	10.50	3.45	3.50
3556	St. Albans Grain Co., St. Albans, Vt. Wirthmore 16 Dairy Ration, Sweetened .....	Canaan: Community Service Stores ...	12.68	16.00	16.00	6.15	8.00	3.95	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds— <i>Continued</i> <i>Dairy feeds—Concluded</i>								
33012	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20 Dairy Feed, Sweetened .....	Cheshire: Center Grain Co. ....	%	%	%	%	%	%	%
33638	St. Albans Grain Co., St. Albans, Vt. Wirthmore 25 Balanced Ration, Sweetened .....	Noroton Heights: Davis Grain Co. ...	10.63	20.25	20.00	6.98	8.00	4.65	4.75
33037	D. A. Stickell & Sons, Inc., Hagers- town, Md. Stickell's Certified 20% Ration .....	Derby: Derby Feed Store .....	10.73	25.13	25.00	7.95	8.50	4.65	4.75
33620	Syracuse Milling Co., Syracuse, N. Y. Onondaga Dairy Feed, Sweetened..	East Bridgeport: J. Simon .....	10.38	22.19	20.00	7.89	8.00	5.00	4.00
33674	Syracuse Milling Co., Syracuse, N. Y. Syracold Dairy Feed .....	Higganum: Felix Petrofsky .....	10.50	20.81	20.00	9.48	12.00	4.13	4.00
2024	Syracuse Milling Co., Syracuse, N. Y. Syracold Dairy Feed, Sweetened..	So. Norwalk: Ferris-Devine Co. ....	9.33	24.69	24.00	7.70	12.00	5.09	4.50
3796	Syracuse Milling Co., Syracuse, N. Y. Syracold Milk Ration .....	Cobalt: Ed. Elkins .....	9.93	25.00	24.00	7.85	12.00	4.60	4.50
33851	Syracuse Milling Co., Syracuse, N. Y. Syracold Milk Ration, Sweetened..	Saugatuck: Saugatuck Grain Co. ....	9.70	21.13	20.00	8.25	12.00	4.55	4.00
			9.50	22.38	20.00	7.85	12.00	4.60	4.00

3577	Thomaston Supply Co., Inc., Thomaston, Conn. Thomaston Dairy Ration	Thomaston: Thomaston Supply Co., Inc.	11.10	21.63	20.00	8.20	9.00	4.89	5.00
3135	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. E-Gee Dairy Feed	New Milford: Geo. T. Soule & Co. ...	11.50	22.25	20.00	6.68	10.00	3.70	3.50
2021	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Red Brand Ti-O-Ga Dairy Feed	So. Norwalk: Roodner Feed Co. ....	10.18	25.00	24.00	7.03	10.00	4.20	4.50
3645	Jacob Trinley & Sons, Linfield, Pa. Favorite 20% Dairy Feed	Cos Cob: A. R. Belmont	10.75	21.88	20.00	9.35	10.50	3.85	4.00
1899	Jacob Trinley & Sons, Linfield, Pa. Trinley's 24% Dairy Feed	Stratford: Farmers' Flour & Grain Co.	10.03	24.38	24.00	5.25	10.00	3.73	4.00
3642	Wayne County Grangers Feed Corp., Clyde, N. Y. Clyde 20% Dairy Feed	Cos Cob: A. R. Belmont	11.48	21.31	20.00	8.20	8.50	4.08	4.00
3643	Wayne County Grangers Feed Corp., Clyde, N. Y. Galen 24% Dairy	Cos Cob: A. R. Belmont	11.05	23.38	24.00	8.05	8.50	4.08	4.00
3561	West-Neshitt, Inc., Oneonta, N. Y. All Pure 20% Milk Ration	Winsted: Chas. R. Hawley	10.20	22.38	20.00	8.40	10.00	4.15	4.50
3560	West-Neshitt, Inc., Oneonta, N. Y. Pure Feed Dairy Ration	Winsted: Chas. R. Hawley	9.93	23.50	20.00	7.95	10.00	4.03	4.00
3852	West-Neshitt, Inc., Oneonta, N. Y. Super Pure Sweetfeed Dairy Ration	Georgetown: Conmery Bros.	9.28	24.75	24.00	8.15	10.00	4.28	4.50
2170	Wolf's Feed Store, Shelton, Conn. Wolf's 20% Dairy Ration	Shelton: Wolf's Feed Store	9.03	22.56	20.00	7.60	9.00	4.78	4.50
3610	Yantic Grain & Products Co., Norwich, Conn. Columbia Dairy Feed	Naugatuck: Naugatuck Grain Co. ....	10.23	21.50	20.00	10.15	12.00	4.80	3.75
3768	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Dairy 16%...	Norwich: Yantic Grain & Products Co.	11.10	20.06	16.00	6.80	9.00	4.48	4.00
1943	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Dairy 20%...	Mt. Carmel: Hamden Grain Co. ....	10.13	22.06	20.00	7.20	9.00	5.65	4.75
3671	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Dairy 24%...	East Haddam: East Haddam Grain Co.	10.43	25.00	24.00	6.88	9.00	4.75	4.75
3159	Yantic Grain & Products Co., Norwich, Conn. O.F.D. Ration, 20%...	Tariffville: Tariffville Grain Co. ....	11.35	22.88	20.00	7.38	9.00	4.10	4.00
3693	Yantic Grain & Products Co., Norwich, Conn. O.F.D. Ration, 24%...	East Hartford: East Hartford Grain Store	10.75	25.19	24.00	6.70	9.00	3.90	4.00



3086	P. Cutler, Inc., Colchester, Conn.	Colchester: P. Cutler Inc. ....	10.65	10.63	9.00	10.68	12.00	4.83	4.00
2186	Prosperity .....	Ansonia: Ansonia Flour & Grain Co. ..	7.45	11.00	10.00	11.75	14.00	4.78	2.00
3031	R. G. Davis & Sons, Inc., New Haven, Conn. Davis .....	Manchester: Manchester Grain Co. ....	9.88	11.19	9.00	10.62	12.00	6.48	3.00
2107	Delaware Mills, Inc., Deposit, N. Y.	Norwich: A. E. Shedd .....	10.63	7.88	7.50	12.48	12.00	3.68	3.00
2100	Dietrich & Gambrill, Inc., Frederick, Md. Frederick .....	Clinton: A. L. Lockwood .....	13.00	12.63	12.00	5.13	7.00	4.00	3.50
3699	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Fitting Ration .....	Hazardville: Amos D. Bridge's Sons ..	8.65	10.31	10.00	10.25	12.00	5.60	3.00
3699	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore .....	Ansonia: A. Hodos & Son .....	10.00	9.50	9.00	10.98	11.00	3.23	3.00
3456	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose .....	Danielson: Kennedy Corp. ....	11.05	13.50	11.00	15.13	15.00	2.45	2.00
3745	John W. Eshelman & Sons, Lancaster, Pa. Eshelman SOS Feed .....	Manchester: O. E. Bailey .....	10.20	9.38	8.50	9.45	12.00	4.18	4.00
3687	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's .....	Mt. Carmel: Mt. Carmel Grain Store	10.65	12.13	10.00	5.75	12.00	4.55	2.50
3010	Hales & Hunter Co., Chicago, Ill. H & H White .....	Stafford Springs: Stafford Farmers' Co-op. Assoc. ....	12.50	12.50	10.00	9.85	12.00	3.60	3.00
3212	J. H. Han Co., Auburn, Maine. Farmer Boy .....	Norwalk: Libner Grain Co., Inc. ....	12.03	14.13	12.00	6.45	10.00	4.30	4.00
3632	Libner Grain Co., Inc., Norwalk, Conn. 12% Libner's Blue Ribbon Fitting Ration .....	Thomaston: Thomaston Supply Co. ....	12.75	10.63	10.00	9.28	12.00	3.58	3.50
2270	Maritime Milling Co., Inc., Buffalo, N. Y. B.B. Dealers Mixing Feed with Molasses .....	Middletown: Meech & Stoddard, Inc. ..	11.68	9.69	9.00	9.95	12.00	3.85	3.00
3586	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special .....	Higgenum: Felix Petrofsky .....	9.23	11.13	9.00	11.78	12.00	5.15	3.00
3673	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's .....	Guilford: Fred C. Morse & Son .....	12.30	14.75	12.00	5.53	8.00	4.15	4.00
3663	Fred C. Morse & Son, Guilford, Conn. Old Mill Fitting Feed .....								

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds—Continued <i>Stock feeds—Concluded</i>		%	%	%	%	%	%	%
3895	Park & Pollard Co., Buffalo, N. Y. Feed Meal .....	Torrington: Torrington Grain Co. ....	11.30	10.69	9.00	3.48	4.00	4.30	2.50
3735	Park & Pollard Co., Buffalo, N. Y. Park & Pollard Fitting Ration .....	Putnam: Bosworth Bros. ....	11.73	14.50	12.00	6.18	7.00	4.38	3.50
3608	Park & Pollard Co., Buffalo, N. Y. Park & Pollard .....	Waterbury: Spencer Grain Co. ....	8.83	9.56	8.50	9.30	12.00	4.98	4.00
3766	The Quaker Oats Co., Chicago, Ill. Barley Feed .....	Norwich: Yantic Grain & Products Co. Danbury: C. S. Barnum & Son .....	8.70	15.00	12.00	8.45	12.00	3.58	3.00
3517	The Quaker Oats Co., Chicago, Ill. Quaker Schumacher Feed .....	Plainville: W. S. Eaton .....	9.50	10.13	10.00	10.35	12.00	3.23	3.00
3646	Ralston Purina Co., St. Louis, Mo. Purina Bulky Cow Chow .....	New Canaan: Clapboard Hill Co., Inc. New Milford: W. L. Richmond & Son	10.80	8.81	10.00	10.88	12.00	3.03	3.00
3142	Ralston Purina Co., St. Louis, Mo. Purina Fitting Chow .....	Seymour: Seymour Grain & Coal Co., Seymour, Conn. Miracle Fitting Ration .....	11.08	17.00	16.00	9.20	12.00	3.03	3.00
3461	Seymour Grain & Coal Co., Seymour, Conn. Miracle Fitting Ration .....	Ike Sovitsky, Ansonia, Conn. Ansonia	14.40	14.38	13.50	9.86	12.00	3.15	2.60
2184	Ike Sovitsky, Ansonia, Conn. Ansonia	St. Albans Grain Co., St. Albans, Vt.	11.75	14.88	12.00	6.45	8.00	4.43	4.00
3072	St. Albans Grain Co., St. Albans, Vt. Hygrade Fitting Ration .....	New Haven: R. G. Davis & Sons, Inc.	8.90	8.94	8.00	10.48	15.00	4.33	2.00
			12.63	14.00	12.00	5.05	8.00	4.03	4.50



3071	St. Albans Grain Co., St. Albans, Vt.	New Haven: R. G. Davis & Sons, Inc.	10.95	14.63	14.00	11.66	13.00	3.13	3.00
3073	Utility Pasture Ration .....	St. Albans Grain Co., St. Albans, Vt.	12.40	15.44	14.00	5.33	7.00	3.93	4.00
3546	Wirthmore 14 Fitting Ration .....	Kent: H. H. Taylor & Son .....	11.05	10.44	9.00	8.60	9.50	4.63	4.00
3619	Wirthmore .....	East Bridgeport: J. Simon .....	10.65	11.00	9.00	9.20	12.00	4.88	3.00
3506	Syracuse Milling Co., Syracuse, N. Y.	Bethel: Morrison & Dunham .....	11.98	21.19	18.00	7.15	12.00	3.55	2.50
2263	Tioga-Empire Feed Mills, Inc.	Naugatuck: Naugatuck Grain Co. ....	12.03	14.56	12.00	5.63	8.00	4.54	4.00
3157	Waverly, N. Y. Or Co Feed .....	Tariffville: Tariffville Grain Co. ....	10.13	9.44	9.00	11.85	12.00	4.08	4.00
3694	Yantic Grain & Products Co., Norwich, Conn. Big Y .....	East Hartford: East Hartford Grain Store .....	10.48	8.25	9.00	10.25	12.00	3.95	3.50
<i>Calf feeds and other products</i>									
4126	Allied Mills, Inc., Chicago, Ill. Emergency Hog Feed .....	Plainville: Sunshine Feed Store .....	10.38	14.88	14.00	5.08	7.00	4.93	3.00
3521	Allied Mills, Inc., Chicago, Ill. Wayne Calf Meal .....	Danbury: C. S. Barnum & Son .....	9.98	25.63	24.00	6.63	7.00	4.65	4.00
3514	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Calf Meal .....	Danbury: C. S. Barnum & Son .....	10.13	25.63	25.00	2.85	6.00	3.30	3.00
3585	Blatchford Calf Meal Co., Waukegan, Ill. Blatchford Calf Meal .....	Middletown: Meech & Stoddard, Inc. ....	10.93	24.69	24.00	4.98	6.75	4.53	5.00
4139	Elmore Milling Co., Inc., Ontario, N. Y. Elmore "Three Point" Calf Meal .....	Hazardville: A. D. Bridge's Sons .....	9.68	25.00	24.00	3.23	4.00	3.68	4.00
3151	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Calf Starter .....	Simsbury: H. B. Bunnell & Co. ....	10.13	24.00	20.00	4.05	5.00	4.38	3.00
2289	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Hog Meal .....	Simsbury: H. B. Bunnell & Co. ....	10.15	18.25	16.00	6.15	10.00	4.70	5.00
3660	Larroe Milling Co., Detroit, Mich. Larro Calf Meal .....	Branford: S. V. Osborn Est. ....	9.50	24.38	23.00	3.50	4.00	3.90	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred								
			Water	Protein (N x 6.25)		Fiber		Fat			
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than		
	<i>Proprietary Mixed Feeds—Continued</i>										
	<i>Calf feeds and other products</i>										
	<i>—Concluded</i>										
3703	Larrowe Milling Co., Detroit, Mich.	Unionville: Lawton-Miner Co. ....	%	28.13	25.00	%	8.20	%	6.13	5.00	
3736	Larroe Pork Maker .....	Putnam: Bosworth Bros. ....	10.45	17.50	15.00	6.25	8.00	4.15	3.50		
3609	Go-Tu-It Pig and Hog Ration ...	Waterbury: Spencer Grain Co. ....	9.20	25.44	20.00	4.90	6.50	5.60	7.00		
3684	Park & Pollard Co., Buffalo, N. Y.	Manchester: Little & McKinney .....	8.83	18.25	18.00	2.55	4.00	7.10	7.00		
3795	Milkade Calf Meal .....	New London: New London Grain Co.	9.80	29.38	27.00	3.23	4.50	3.29	3.20		
3708	The Quaker Oats Co., Chicago, Ill.	New Haven: Moran-Paton Co. ....	11.43	15.25	14.00	4.70	7.00	3.88	3.00		
3726	Ralston Purina Co., St. Louis, Mo.	Stafford Springs: Valley Grain Co. ..	10.00	22.94	24.00	3.10	4.00	5.33	5.50		
3070	Purina Hog Fatena Chow .....	New Haven: R. G. Davis & Sons, Inc.	11.65	17.25	17.00	4.29	9.00	4.13	4.00		
	St. Albans Grain Co., St. Albans, Vt.										
	Wirthmore Calf Meal .....										
	Wirthmore Grain Co., St. Albans, Vt.										
	Wirthmore Pig and Hog, A Grow- ing and Fattening Feed .....										
4130	<i>Poultry feeds</i>										
	Allied Mills, Inc., Chicago Ill. Em- pire Egg Mash .....	Plainville: Sunshine Feed Store .....	10.10	16.75	16.50	4.95	7.00	5.59	4.00		

3897	Allied Mills, Inc., Chicago, Ill. Red Feather Egg Mash .....	Bristol: A. J. Bower .....	9.63	19.38	18.00	4.93	8.00	4.38	3.50
3038	Allied Mills, Inc., Chicago, Ill. Red Feather Scratch Feed .....	Ansonia: A. Hodos & Son .....	12.68	10.00	9.00	1.86	4.00	2.43	2.50
3039	Allied Mills, Inc., Chicago, Ill. Screened Cracked Corn .....	Ansonia: A. Hodos & Son .....	13.90	8.88	8.50	1.13	2.50	2.25	2.50
4132	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Chick Starter .....	Plainville: Sunshine Feed Store .....	9.75	19.50	17.00	4.95	6.00	6.15	4.00
1924	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Chick Starter with Cod Liver Oil and Sardine Oil .....	Bristol: A. J. Bower .....	10.45	17.81	17.00	4.28	6.00	5.20	4.00
3173	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Grower .....	Guilford: David Cohen .....	11.60	15.88	16.00	3.70	6.00	4.00	4.00
1944	Allied Mills, Inc., Chicago, Ill. Wayne Oil and Sardine Oil .....	Bristol: A. J. Bower .....	10.23	18.56	16.00	4.87	6.00	5.40	4.00
1925	Allied Mills, Inc., Chicago, Ill. Wayne Broiler Ration .....	Bristol: A. J. Bower .....	9.90	19.25	18.00	5.08	8.00	6.15	3.50
1926	Allied Mills, Inc., Chicago, Ill. Wayne Chick Feed .....	Bristol: A. J. Bower .....	11.65	11.38	9.00	1.34	4.00	3.23	2.00
2216	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash .....	Danbury: C. S. Barnum .....	9.73	19.69	18.00	5.50	7.00	5.70	3.50
3174	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash with Cod Liver Oil and Sardine Oil .....	Guilford: David Cohen .....	10.88	18.38	18.00	5.76	7.00	5.10	3.50
2214	Allied Mills, Inc., Chicago, Ill. Wayne Intermediate Scratch Feed .....	Danbury: C. S. Barnum .....	11.90	10.38	10.00	1.88	4.00	2.78	2.00
3713	Allied Mills, Inc., Chicago, Ill. Wayne 26% Mash Supplement .....	Bristol: A. J. Bower .....	8.73	27.88	26.00	6.80	8.00	4.39	4.00
3715	Allied Mills, Inc., Chicago, Ill. Wayne Poultry Fattener .....	Bristol: A. J. Bower .....	10.23	15.81	13.50	5.48	7.00	4.03	4.00
4129	Allied Mills, Inc., Chicago, Ill. Wayne Scratch Feed .....	Plainville: Sunshine Feed Store .....	11.93	10.75	10.00	2.45	4.00	3.12	2.50
3453	Allied Mills, Inc., Chicago, Ill. Wayne Starter and Grower .....	Ansonia: A. Hodos & Son .....	10.40	18.13	16.00	5.95	6.00	4.73	3.50
3144	Allied Mills, Inc., Chicago, Ill. Wayne Turkey Mash .....	Bristol: A. J. Bower .....	11.03	17.50	15.00	7.75	8.00	5.25	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds—Continued <i>Poultry feeds—Continued</i>								
3714	Allied Mills, Inc., Chicago, Ill. Wayne 25% Turkey Starting Mash .....	Bristol: A. J. Bower .....	9.20	25.88	25.00	6.25	8.00	5.76	4.00
3582	Anchor Mills, Hagerstown, Md. Zip Egg Mash .....	Middlefield: Terrill & Burnham .....	10.45	19.13	18.00	5.75	6.00	5.43	4.00
1987	Arcady Farms Milling Co., Chicago, Ill. Arcady All Mash Chick Starter and Grower .....	New Britain: S. P. Stroppe .....	10.18	16.75	17.00	5.05	5.00	5.38	5.00
1990	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Growing Mash .....	New Britain: S. P. Stroppe .....	10.25	15.50	16.00	6.18	7.50	4.70	4.00
1988	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Laying Mash .....	New Britain: S. P. Stroppe .....	9.50	19.75	20.00	5.43	7.00	4.95	4.00
1991	Arcady Farms Milling Co., Chicago, Ill. Arcady Besbet Starting Mash .....	New Britain: S. P. Stroppe .....	11.30	13.69	13.00	5.38	6.00	4.65	3.50
2244	Arcady Farms Milling Co., Chicago, Ill. Arcady Scratch Grains .....	Meriden: Raymond Ives .....	13.38	10.00	10.00	1.90	5.00	2.93	2.50
1989	Arcady Farms Milling Co., Chicago, Ill. Riverside Scratch Grains .....	New Britain: S. P. Stroppe .....	13.23	9.88	10.00	2.40	5.00	3.23	2.50
2147	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Chick Starter .....	West Willington: H. M. Hansen .....	9.83	17.00	17.00	4.48	5.00	5.48	5.00

2148	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Coarse Chick Feed	West Willington: H. M. Hansen .....	11.20	12.13	10.00	2.08	3.00	3.83	3.00
2149	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Fine Chick Feed	West Willington: H. M. Hansen .....	12.13	11.88	10.00	1.33	3.00	2.85	3.00
2119	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Laying Mash	Lebanon: Berkman Grain Co. ....	9.98	21.88	20.00	4.18	6.00	4.80	5.00
3729	E. W. Bailey & Co., Montpelier, Vt. Pennant Growing Feed	West Willington: H. M. Hansen .....	10.13	17.25	15.00	4.15	5.00	4.62	5.00
3793	E. W. Bailey & Co., Montpelier, Vt. Pennant Laying Mash (with Cod Liver Meal)	New London: B. J. McCarthy .....	10.05	22.13	20.00	4.53	6.00	4.53	5.00
2122	E. W. Bailey & Co., Montpelier, Vt. Pennant Scratch Feed	Lebanon: Berkman Grain Co. ....	11.58	11.31	10.00	2.58	6.50	2.73	3.00
2213	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Broiler Feed	Danbury: C. S. Barnum & Son .....	10.30	17.88	17.00	4.43	6.00	4.90	4.00
1932	N. Y. Beacon's Cayuga Developer Feed	Bridgeport: Herbert C. Ferris .....	12.10	11.38	10.00	1.61	5.00	3.50	2.50
1902	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Growing Mash	Bridgeport: Herbert C. Ferris .....	10.45	17.06	16.00	5.28	7.00	4.70	4.00
1904	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Cayuga Laying Mash with Buttermilk	Bridgeport: Herbert C. Ferris .....	9.98	20.75	20.00	5.34	7.00	5.08	4.00
2166	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Scratch Feed	Shelton: Shelton Feed Co. ....	13.03	10.88	9.00	2.55	5.00	2.40	2.50
2165	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Chick Feed	Shelton: Shelton Feed Co. ....	11.55	11.38	10.00	1.45	3.50	4.13	2.50
1903	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Complete Starting Ration	Bridgeport: Herbert C. Ferris .....	10.18	18.31	17.50	4.00	6.00	4.25	4.00
1905	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Egg Mash with Buttermilk	Bridgeport: Herbert C. Ferris .....	9.60	22.88	22.00	5.13	7.00	4.90	4.50
3623	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Fleshing Mash and Crate Fattener	Bridgeport: Herbert C. Ferris .....	9.38	17.00	15.00	4.48	5.00	4.37	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Protein (N x 6.25)		Fiber		Fat		
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
			Water	%	%	%	%	%	%
	Proprietary Mixed Feeds—Continued <i>Poultry feeds—Continued</i>								
1901	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Growing Mash .....	Bridgeport: Herbert C. Ferris .....	9.95	18.38	17.00	5.08	7.00	4.48	4.00
3228	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Pheasant-Quail Starter and Grower Mash .....	Bridgeport: Herbert C. Ferris .....	9.13	22.88	22.00	5.95	6.00	4.88	4.00
3651	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Scratch Grains .....	Danbury: C. S. Barnum & Son .....	12.10	10.00	9.00	2.30	5.00	2.37	2.00
3626	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Special Coccidiosis Mash .....	Bridgeport: Herbert C. Ferris .....	9.30	19.50	18.00	2.85	5.00	2.68	1.00
2217	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Special Scratch Grains	Danbury: C. S. Barnum & Son .....	13.20	11.19	9.00	2.48	3.50	2.50	2.00
3143	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Turkey Growing Feed .....	New Milford: W. L. Richmond & Son	9.78	20.25	18.00	5.71	7.00	5.23	4.00
3077	Black Rock Milling Corp., Buffalo, N. Y. Bidwell Dry Mash .....	New London: New London Grain Co.	11.48	20.13	18.00	5.32	8.00	4.30	3.00
2203	Black Rock Milling Corp., Buffalo, N. Y. Bidwell Scratch Feed .....	Newtown: R. H. Holcomb & Co. ....	13.23	10.31	10.00	2.30	5.00	3.10	1.50

2003	C. Buckingham & Co., Southport, Conn. C.B. Growing Mash .....	Southport: C. Buckingham & Co. ....	9.43	16.31	15.00	4.53	6.00	5.70	4.00
2002	C. Buckingham & Co., Southport, Conn. C.B. Egg Mash .....	Southport: C. Buckingham & Co. ....	9.05	20.38	19.00	5.95	8.00	5.78	5.00
2001	C. Buckingham & Co., Southport, Conn. C.B. Scratch Feed .....	Southport: C. Buckingham & Co. ....	12.35	11.63	10.00	2.80	3.80	2.25	2.50
2004	C. Buckingham & Co., Southport, Conn. C.B. Starter .....	Southport: C. Buckingham & Co. ....	9.35	19.19	17.00	4.20	5.00	5.35	4.00
2105	C. W. Campbell Co., Westerly, R. I. Egg-O Chick Feed .....	Groton: C. W. Campbell Co. ....	11.53	11.63	10.00	1.45	5.00	3.05	2.00
3080	C. W. Campbell Co., Westerly, R. I. Egg-O Chick Starter .....	Groton: C. W. Campbell Co. ....	10.55	20.25	17.00	5.58	5.00	4.98	4.00
3082	C. W. Campbell Co., Westerly, R. I. Egg-O Growing Feed .....	Groton: C. W. Campbell Co. ....	10.85	20.75	18.00	5.73	8.00	4.15	4.00
3083	C. W. Campbell Co., Westerly, R. I. Egg-O Intermediate .....	Groton: C. W. Campbell Co. ....	12.73	11.88	10.00	1.45	4.00	3.50	2.00
2102	C. W. Campbell Co., Westerly, R. I. Egg-O Laying Mash .....	Groton: C. W. Campbell Co. ....	9.93	20.44	18.00	7.20	8.00	5.00	4.00
2104	C. W. Campbell Co., Westerly, R. I. Egg-O Scratch .....	Groton: C. W. Campbell Co. ....	12.18	11.44	10.00	2.55	5.00	2.68	2.00
3791	C. W. Campbell Co., Westerly, R. I. Egg-O Turkey Grover .....	Westerly: C. W. Campbell Co. ....	9.35	22.88	20.00	7.05	8.00	5.70	5.00
3100	The Coles Co., Middletown, Conn. Fortune Chick Starter .....	Middletown: The Coles Co. ....	11.10	17.56	14.00	3.80	5.00	5.65	5.00
3098	The Coles Co., Middletown, Conn. Fortune Egg Mash with Dried Buttermilk .....	Middletown: The Coles Co. ....	11.85	20.69	17.00	4.95	9.00	5.00	3.50
3101	The Coles Co., Middletown, Conn. Fortune Growing Feed with Cod Liver Oil .....	Middletown: The Coles Co. ....	11.65	16.81	18.00	3.80	5.00	5.58	4.00
3099	The Coles Co., Middletown, Conn. Fortune Intermediate Scratch .....	Middletown: The Coles Co. ....	13.68	10.81	10.00	2.06	3.00	2.33	5.00
2233	The Coles Co., Middletown, Conn. Fortune Scratch Feed .....	Wallingford: Laden Bros. Co., Inc. ...	11.88	11.19	10.00	2.13	5.00	2.93	2.50
3045	The G. E. Conkey Co., Cleveland, Ohio. Conkey's All Mash Chick Ration with Y-O .....	Ansonia: A. Hodos & Son .....	11.53	16.13	16.00	4.54	5.50	5.75	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
					Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	<b>Proprietary Mixed Feeds—Continued</b>									
	<i>Poultry feeds—Continued</i>									
3454	The G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Egg Mash	Ansonia: A. Hodos & Son	10.78	%	20.38	20.00	4.73	%	5.28	5.00
3455	The G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Egg Mash with Y-O	Ansonia: A. Hodos & Son	11.68		20.63	20.00	5.00		4.85	5.00
3048	The G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Mash	Ansonia: A. Hodos & Son	11.68		18.19	18.00	5.33		5.03	4.50
3057	The G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Mash with Buttermilk and Y-O	New Haven: Frank S. Platt Co.	11.75		18.19	18.00	4.82		5.20	5.00
3639	The G. F. Conkey Co., Cleveland, Ohio. Conkey's Gecco Scratch Grains	Cos Cob: A. R. Belmont	11.85		10.63	9.00	1.95		2.58	2.00
3041	The G. E. Conkey Co., Cleveland, Ohio. Conkey's Geccofat Station Fattener	Ansonia: A. Hodos & Son	10.50		14.00	12.50	5.22		6.45	4.50
3040	The G. E. Conkey Co., Cleveland, Ohio. Conkey's Scratch Grains	Ansonia: A. Hodos & Son	13.23		11.00	9.50	2.28		2.55	2.00
2132	The G. E. Conkey Co., Cleveland, Ohio. Superior Scratch Grains	Amston: Amston Grain Mill	14.00		9.38	9.00	2.00		2.60	2.00



2204	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond "All Mash" Starter .....	Bethel: Consumers Food Stores, Inc....	10.35	20.31	17.00	5.90	5.00	5.85	4.00
2206	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Baby Chick Feed .....	Bethel: Consumers Food Stores, Inc....	11.25	10.38	9.00	1.35	5.00	3.50	2.50
3505	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Egg Mash .....	Bethel: Consumers Food Stores, Inc....	14.66	20.75	20.00	6.45	7.00	3.19	4.00
2197	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Growing Mash .....	Sandy Hook: Consumers Food Stores, Inc. ....	10.05	18.38	17.00	6.18	6.00	5.10	4.50
3504	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Intermediate Chick Feed .....	Sandy Hook: Consumers Food Stores, Inc. ....	12.00	12.13	9.00	2.00	5.00	2.41	2.50
2192	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Scratch Feed .....	Sandy Hook: Consumers Food Stores, Inc. ....	11.10	10.19	9.00	1.83	4.00	2.45	2.50
4145	E. A. Cowee Co., Fitchburg, Mass. Coweco Growing Mash .....	Quinebaug: M. T. Dartt .....	8.73	18.38	14.00	4.25	6.00	6.55	4.50
3223	E. A. Cowee Co., Fitchburg, Mass. Coweco Laying Mash .....	Quinebaug: M. T. Dartt .....	9.20	22.50	20.00	4.60	7.50	6.48	4.00
4143	E. A. Cowee Co., Fitchburg, Mass. Coweco Scratch Feed .....	Quinebaug: M. T. Dartt .....	11.30	11.75	10.00	2.38	3.00	2.55	2.50
1976	C. A. Cowles, Plantsville, Conn. C.A. Blue Seal Mash .....	Plantsville: C. A. Cowles .....	9.33	20.00	18.00	7.39	6.00	4.93	4.00
3727	Grosby Milling Co., Brattleboro, Vt. Grosby's Scratch Feed .....	Stafford Springs: Valley Grain Co. ...	11.95	11.88	11.00	2.45	5.00	3.03	3.00
3085	P. Cutler, Inc., Colchester, Conn. Prosperity Laying Mash .....	Colchester: P. Cutler, Inc. ....	11.15	15.69	16.00	5.97	10.00	5.35	4.00
3088	P. Cutler, Inc., Colchester, Conn. Prosperity Scratch Feed .....	Colchester: P. Cutler, Inc. ....	13.55	9.63	10.00	2.15	6.00	2.60	2.00
2185	R. G. Davis & Sons, Inc., New Haven, Conn. Davis Buttermilk Mash .....	Ansonia: Ansonia Flour & Grain Co....	9.25	20.19	18.00	5.13	7.00	5.15	5.00
1897	R. G. Davis & Sons, Inc., New Haven, Conn. Davis Scratch Feed .....	Milford: Milford Grain Co. ....	11.63	12.25	10.00	2.03	5.00	2.63	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Protein (N x 6.25)		Fiber		Fat		
			Water	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	
			%	%	%	%	%	%	%
	Proprietary Mixed Feeds—Continued <i>Poultry feeds—Continued</i>								
3017	Delaware Mills, Inc., Deposit, N. Y.	Manchester: Manchester Grain Co. ...	10.55	17.13	15.00	5.91	6.00	5.33	4.00
3019	Delaware All Mash Chick Starter Delaware Mills, Inc., Deposit, N. Y.	Manchester: Manchester Grain Co. ...	13.08	10.63	10.00	1.20	3.00	2.98	3.00
1906	Delaware Chick Grains ..... Delaware Mills, Inc., Deposit, N. Y.	Bridgeport: Brooklawn Feed Co. ....	10.65	17.75	16.00	5.29	5.00	5.13	4.00
1907	Delaware Chick Starting Mash (with Dried Buttermilk) ..... Delaware Mills, Inc., Deposit, N. Y.	Bridgeport: Brooklawn Feed Co. ....	11.20	17.75	17.00	5.19	6.00	5.28	5.00
3034	Delaware Growing Mash (with Dried Skim Milk) ..... Delaware Mills, Inc., Deposit, N. Y.	Manchester: Manchester Grain Co. ...	13.30	11.25	10.00	1.57	5.00	2.63	2.00
3013	Delaware Intermediate Chick Grains Delaware Mills, Inc., Deposit, N. Y.	Southington: Southington Lumber Co.	13.03	10.00	10.00	2.39	5.00	2.33	2.50
3035	Delaware Scratch Grains ..... Delaware Mills, Inc., Deposit, N. Y.	Derby: Derby Feed Store .....	13.28	12.25	10.00	2.35	5.00	2.50	2.50
3018	Double Circle Scratch Grains ..... Delaware Mills, Inc., Deposit, N. Y.	Manchester: Manchester Grain Co. ...	11.00	16.88	15.00	5.86	7.00	5.00	4.50
	Indian Growing Mash (with Dried Skim Milk) .....								

1908	Delaware Mills, Inc., Deposit, N. Y. Indian Layer Mash (with Dried Skim Milk) .....	Bridgeport: Brooklawn Feed Co. ....	11.53	17.50	18.00	4.93	7.00	5.33	5.00
2108	Dietrich & Gambrell, Inc., Frederick, Md. Gambrell's Chick Feed .....	Norwich: A. E. Shedd .....	13.53	10.56	10.00	1.35	3.00	2.58	2.50
4148	Dietrich & Gambrell's Inc., Frederick, Md. Gambrell's Layer Mash .....	Danielson: Young Bros. Co. ....	9.13	23.13	20.00	6.20	7.00	5.58	5.00
2112	Dietrich & Gambrell, Inc., Frederick, Md. Gambrell's Scratch Feed .....	Norwich: A. E. Shedd .....	14.00	10.81	10.00	2.78	4.00	3.20	2.50
3755	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Combination Mash .....	Norwich: A. E. Shedd .....	9.65	17.19	15.00	5.05	6.50	4.98	4.00
3256	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Controller Mash .....	Norwich: A. E. Shedd .....	8.75	20.75	18.50	2.43	4.00	3.20	2.50
3129	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer Mash .....	New Milford: Paul Caldwell .....	10.70	19.25	18.50	5.76	6.50	5.53	4.00
3075	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer Mash with Oil .....	Clinton: A. L. Lockwood .....	10.60	18.94	18.50	5.30	6.50	5.20	4.00
3130	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Intermediate Scratch Grains .....	New Milford: Paul Caldwell .....	13.00	10.50	9.50	1.66	3.00	2.38	2.00
3076	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Producer Mash .....	Clinton: A. L. Lockwood .....	10.48	17.94	17.00	5.08	6.50	5.23	4.00
2110	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Producer Mash with Oil .....	Norwich: A. E. Shedd .....	10.45	17.56	17.00	5.08	6.50	5.38	4.00
3128	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Scratch Grains with Coarse Cracked Corn .....	New Milford: Paul Caldwell .....	12.90	11.00	10.00	2.93	4.00	2.93	2.50
2099	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Starting and Broiler Ration with Oil	Clinton: A. L. Lockwood .....	10.83	19.25	18.50	3.90	5.00	5.10	4.00



3488	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Milk Grains Jr. . .	Plantville: C. A. Cowles . . . . .	9.90	20.63	20.00	7.43	10.00	5.41	5.00
2312	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Scratch Feed . . . .	Hazardville: Amos D. Bridge's Sons..	11.20	11.13	10.00	2.70	7.00	2.80	2.50
3847	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Lancaster Scratch Grains . . . . .	Stratford: Farmers Flour & Grain Co.	12.25	9.75	9.00	1.93	4.00	2.58	2.50
3629	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Pennsy Chick Grains	Southport: C. Buckingham & Co. . . . .	12.65	11.75	9.00	1.55	3.00	3.53	3.00
3507	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Pennsy Laying Mash	Bethel: Morrison & Dunham . . . . .	10.05	22.31	18.00	7.55	8.00	5.80	5.00
2210	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose All Mash Starter . . . . .	Bethel: Morrison & Dunham . . . . .	8.48	19.06	16.00	4.68	6.50	5.20	4.00
1996	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Chick Grains . . . . .	New Britain: Wm. Cohen, Inc. . . . .	10.78	12.19	10.00	2.00	3.00	3.90	3.00
1998	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Chick Starter . . . . .	New Britain: Wm. Cohen, Inc. . . . .	8.28	17.38	15.00	4.63	6.00	4.85	4.00
3644	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Fattening Mash . . . . .	Cos Cob: A. R. Belmont . . . . .	10.23	14.88	14.00	3.43	5.00	5.00	4.00
1995	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Growing Mash . . . . .	New Britain: Wm. Cohen, Inc. . . . .	9.88	18.63	16.00	5.10	7.00	5.48	4.00
2211	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Growing Mash with Cod Liver Oil . . . . .	Bethel: Morrison & Dunham . . . . .	10.20	18.38	16.00	5.43	7.00	5.65	4.00
1997	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Laying Mash . . . . .	New Britain: Wm. Cohen, Inc. . . . .	9.73	21.44	20.00	5.53	7.00	6.33	5.00
4135	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Laying Mash with Cod Liver Oil . . . . .	Simsbury: H. B. Bunnell & Co. . . . .	9.23	21.25	20.00	5.70	7.00	6.25	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds— <i>Continued</i>								
	<i>Poultry feeds—Continued</i>								
2212	John W. Eshelman & Sons, Lancaster, Pa.	Bethel: Morrison & Dunham .....	12.75	11.50	10.00	2.43	4.00	2.63	2.50
3150	John W. Eshelman & Sons, Lancaster, Pa.	Simsbury: H. B. Bunnell & Co. ....	11.13	19.63	18.00	7.93	7.00	5.33	4.50
3452	Fernando Valley Milling & Supply Co., Los Angeles, Calif.	Shelton: Wolf Savitsky .....	8.55	19.56	20.00	19.83	18.00	2.47	3.00
3696	Ideal Greens, Sun-Cured .....	Burnside: First National Stores, Inc...	10.08	20.63	20.00	6.75	7.00	4.83	5.00
3695	First National Stores, Inc., Somerville, Mass.	Burnside: First National Stores, Inc...	12.43	10.13	10.00	2.13	5.00	3.18	2.50
3846	Flory Milling Co., Inc., Bangor, Pa.	Stratford: Farmers' Flour & Grain Co.	11.45	20.75	20.00	6.70	7.00	2.83	4.00
3185	Golden Egg Laying Mash .....	East Hartford: Stowe & Rondeau ....	12.75	10.50	9.00	2.13	5.00	2.50	2.50
2083	Golden Egg Scratch Feed .....	East Haven: A. W. Forbes .....	10.20	17.44	18.00	4.48	7.00	5.03	4.00
2084	A. W. Forbes, East Haven, Conn.	East Haven: A. W. Forbes .....	11.43	10.81	10.00	2.25	5.00	2.95	2.00
	R-Own Laying Mash .....								
	A. W. Forbes, East Haven, Conn.								
	R-Own Scratch Feed .....								

3233	J. B. Garland & Son, Worcester, Mass. Garland's Growing Mash with Dried Milk .....	No. Grosvenordale: Thompson Grain Co. ....	11.50	19.19	14.00	4.53	8.00	5.50	4.00
3234	J. B. Garland & Son, Worcester, Mass. Garland's Poultry Mash with Dried Milk .....	No. Grosvenordale: Thompson Grain Co. ....	9.25	20.63	20.00	4.10	8.00	5.90	4.00
3235	J. B. Garland & Son, Worcester, Mass. Royal Worcester Scratch Feed .....	No. Grosvenordale: Thompson Grain Co. ....	11.70	10.38	10.00	2.10	4.00	2.88	2.00
3730	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Scratch Feed—No Grit .....	West Willington: H. M. Hansen .....	12.60	11.00	10.00	2.03	4.00	2.96	3.00
2158	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Baby Chick Feed .....	Portland: Valley Mills .....	12.55	10.31	10.00	1.35	5.00	2.88	2.50
3685	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Complete Starting Ration with Buttermilk and Cod Liver Oil .....	Manchester: O. E. Bailey .....	10.15	16.88	16.00	3.95	6.00	4.50	4.00
3718	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Growing Mash with Buttermilk .....	Portland: Valley Mills .....	8.80	16.00	15.00	6.08	8.00	5.38	4.00
2153	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Growing Mash with Buttermilk and Cod Liver Oil .....	Portland: Valley Mills .....	9.60	16.00	15.00	5.20	8.00	4.95	4.00
2156	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Intermediate Chick Feed .....	Portland: Valley Mills .....	12.40	10.56	10.00	1.58	5.00	2.78	2.50
2154	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Laying Mash with Buttermilk .....	Portland: Valley Mills .....	9.55	21.38	20.00	5.45	8.00	4.95	4.00
3552	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Laying Mash with Buttermilk and Cod Liver Oil .....	Sharon: Frank A. Wike & Co. ....	10.03	21.25	20.00	5.55	8.00	4.95	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
			%	%	%	%	%	%	%
2155	Proprietary Mixed Feeds— <i>Continued</i> <i>Poultry feeds—Continued</i> D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Poultry Green Food .....	Portland: Valley Mills .....	12.20	11.94	10.00	20.08	25.00	1.35	1.00
3690	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Screened Scratch Feed .....	Manchester: O. E. Bailey .....	11.93	11.25	10.00	2.48	5.00	3.13	2.50
3945	The Grand Union Co., New York City. Peerless Laying Mash .....	Stamford: Grand Union Co. ....	8.33	19.81	20.00	5.50	7.00	5.05	4.00
3946	The Grand Union Co., New York City. Peerless Scratch Grains .....	Stamford: Grand Union Co. ....	11.13	10.44	10.00	2.05	5.00	3.18	2.50
3691	Great Atlantic & Pacific Tea Co., Minneapolis, Minn. Daily Growth Chick Starter .....	So. Manchester: Great Atlantic & Pacific Tea Co. ...	10.48	18.25	16.00	4.85	5.00	5.02	4.00
3692	Great Atlantic & Pacific Tea Co., Minneapolis, Minn. Daily Growth Fine Chick Feed .....	So. Manchester: Great Atlantic & Pacific Tea Co. ...	11.28	12.13	10.00	1.65	5.00	3.28	3.00
2313	Great Atlantic & Pacific Tea Co., Minneapolis, Minn. Daily Egg Mash Feed .....	Burnside: Great Atlantic & Pacific Tea Co. ...	9.25	20.00	20.00	5.10	4.50	4.88	4.50



2314	Great Atlantic & Pacific Tea Co., Minneapolis, Minn. Daily Egg Scratch Feed .....	Burnside: Great Atlantic & Pacific Tea Co. ....	12.80	10.38	10.00	2.35	5.00	2.98	2.50
1922	Hales & Hunter Co., Chicago, Ill. Red Comb Broiler Mash with Dried Buttermilk .....	Plantville: C. A. Cowles .....	9.65	19.25	18.00	5.68	7.00	5.10	4.00
2093	Hales & Hunter Co., Chicago, Ill. Red Comb Chick Starter with Dried Buttermilk .....	Guilford: Fred C. Morse & Son .....	10.38	17.38	15.00	5.00	5.00	5.10	4.00
3009	Hales & Hunter Co., Chicago, Ill. Red Comb Crate Fattener with Rolled Oats .....	Mt. Carmel: Mt. Carmel Grain Store...	10.25	15.13	13.00	4.86	6.00	5.13	4.00
1900	Hales & Hunter Co., Chicago, Ill. Red Comb Egg Mash with Dried Buttermilk .....	Stratford: Farmers' Flour & Grain Co.	8.40	21.25	18.00	5.96	7.00	5.68	4.00
2123	Hales & Hunter Co., Chicago, Ill. Red Comb Growing Mash with Dried Buttermilk .....	Lebanon: Berkman Grain Co. ....	9.50	18.94	15.00	6.33	6.00	5.85	4.00
3008	Hales & Hunter Co., Chicago, Ill. Red Comb Scratch Feed .....	Mt. Carmel: Mt. Carmel Grain Store...	12.08	10.69	10.00	2.44	5.00	2.78	2.50
2145	Boy Egg Mash with Dried Skim Milk and Cod Liver Oil .....	Stafford Springs: Stafford Farmers' Co-op. Assoc. ....	10.25	19.19	18.00	4.65	7.00	4.80	5.00
2144	J. B. Ham Co., Auburn, Me. Farmer Boy Growing Mash with Dried Skim Milk and Cod Liver Oil ....	Stafford Springs: Stafford Farmers' Co-op. Assoc. ....	11.50	18.88	18.00	4.38	5.00	4.83	4.00
2143	J. B. Ham Co., Auburn, Me. Farmer Boy Intermediate Scratch Feed ...	Stafford Springs: Stafford Farmers' Co-op. Assoc. ....	12.98	11.56	10.00	2.30	3.00	2.68	3.00
2137	J. B. Ham Co., Auburn, Me. Farmer Boy Scratch Feed .....	Stafford Springs: Stafford Farmers' Co-op. Assoc. ....	13.13	11.63	10.00	2.73	4.00	3.05	3.00
2146	J. B. Ham Co., Auburn, Me. Farmer Boy Starting Mash with Dried Skim Milk and Cod Liver Oil .....	Stafford Springs: Stafford Farmers' Co-op. Assoc. ....	11.30	17.56	17.00	3.63	5.00	4.80	4.00
3613	Jersee Co., Minneapolis, Minn. Just Right Egg Mash .....	Stratford: Farmers' Flour & Grain Co.	10.40	22.50	18.00	7.00	8.00	4.35	5.00
3004	H. P. Kysor Grain Co., New Haven, Conn. Kysor's A-1 Growing Mash	Plainville: State Farmers' Co-op. Assoc.	10.33	17.38	15.50	5.48	6.00	5.24	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	Proprietary Mixed Feeds—Continued <i>Poultry feeds—Continued</i>									
3005	H. P. Kysor Grain Co., New Haven, Conn. Kysor's A-1 Laying Mash...	Plainville: State Farmers' Co-op. Assoc.	10.15	19.06	18.00	4.83	5.00	4.73	4.00	
3003	H. P. Kysor Grain Co., New Haven, Conn. Kysor's A-1 Scratch Grains	Plainville: State Farmers' Co-op. Assoc.	11.70	11.25	10.00	2.87	4.00	3.05	2.50	
3002	H. P. Kysor Grain Co., New Haven, Conn. Kysor's Self Starter Ration	Plainville: State Farmers' Co-op. Assoc.	9.99	19.13	18.00	4.46	5.00	5.30	4.00	
22255	A. S. Labieniec, Kensington, Conn. Reliable Laying Mash .....	Kensington: A. S. Labieniec .....	10.53	18.38	17.00	4.50	8.00	4.00	4.00	
2235	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Baby Chick Starter	Wallingford: Laden Bros. Co., Inc. ....	12.20	17.13	17.50	5.13	5.00	5.55	5.00	
3473	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Growing Mash ....	Wallingford: Laden Bros. Co., Inc. ....	13.28	16.00	17.00	3.95	5.00	4.65	5.50	
4157	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Growing Mash .....	Wallingford: Laden Bros. Co., Inc. ....	11.53	17.56	17.00	5.05	5.50	5.55	5.00	
2234	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Laying Mash .....	Wallingford: Laden Bros. Co., Inc. ....	10.73	20.94	20.00	4.88	5.00	6.48	5.50	
2236	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Starter and Broiler Mash .....	Wallingford: Laden Bros. Co., Inc. ....	11.43	18.25	17.00	4.33	5.00	5.15	4.50	

1909	The Larrowe Milling Co., Detroit, Mich. Larro Broiler Feed .....	Bridgeport: Brooklawn Feed Co. ....	9.88	15.94	15.00	4.45	7.00	4.50	4.50
2015	The Larrowe Milling Co., Detroit, Mich. Larro Chick Grains .....	So. Norwalk: Roodher Feed Co. ....	11.28	10.50	10.00	1.60 <sup>*</sup>	3.50	3.13	2.00
2017	The Larrowe Milling Co., Detroit, Mich. Larro Chick Starter .....	So. Norwalk: Roodher Feed Co. ....	9.20	17.25	16.50	4.25	5.00	4.68	4.50
2014	The Larrowe Milling Co., Detroit, Mich. Larro Egg Mash .....	So. Norwalk: Roodher Feed Co. ....	8.85	20.38	19.00	5.43	7.50	5.30	5.00
3125	The Larrowe Milling Co., Detroit, Mich. Larro Growing Grains .....	Plantville: C. A. Cowles .....	14.30	9.88	10.00	1.64	3.50	2.20	2.00
3120	The Larrowe Milling Co., Detroit, Mich. Larro Growing Mash .....	Plantville: C. A. Cowles .....	11.33	17.13	16.00	4.66	6.50	4.85	4.50
2018	The Larrowe Milling Co., Detroit, Mich. Larro Poultry Fattening Feed .....	So. Norwalk: Roodher Feed Co. ....	9.25	15.44	14.00	5.80	7.50	4.80	4.00
2016	The Larrowe Milling Co., Detroit, Mich. Larro Scratch Grains .....	So. Norwalk: Roodher Feed Co. ....	11.18	11.25	10.00	2.40	3.50	2.80	2.00
2020	The Larrowe Milling Co., Detroit, Mich. Larro Turkey Grower .....	So. Norwalk: Roodher Feed Co. ....	9.23	25.50	24.50	5.03	6.50	5.10	4.00
2011	Libner Grain Co., Norwalk, Conn. Libner's Blue Ribbon Chick Starter .....	Norwalk: Libner Grain Co. ....	8.63	19.69	18.00	4.45	6.00	6.15	4.00
2006	Libner Grain Co., Norwalk, Conn. Libner's Blue Ribbon Growing Mash .....	Norwalk: Libner Grain Co. ....	8.93	19.63	18.00	5.33	6.00	6.10	4.00
2010	Libner's Blue Ribbon Milk Eggs Mash .....	Norwalk: Libner Grain Co. ....	8.83	19.06	17.00	5.53	6.50	6.35	3.00
1993	C. W. Lines Co., New Britain, Conn. Homestead Dry Mash .....	New Britain: C. W. Lines Co. ....	9.55	21.06	18.00	6.33	7.00	4.93	4.00
3112	C. W. Lines Co., New Britain, Conn. Homestead Scratch Feed .....	New Britain: C. W. Lines Co. ....	13.93	10.13	9.00	2.43	5.00	2.65	2.50
3111	C. W. Lines Co., New Britain, Conn. Mill Pride Fancy Scratch Feed .....	New Britain: C. W. Lines Co. ....	13.30	10.63	9.00	2.42	4.00	2.78	2.00
1992	C. W. Lines Co., New Britain, Conn. Mill Pride Milk Mash .....	New Britain: C. W. Lines Co. ....	9.18	18.94	18.00	6.45	7.50	4.68	4.50
2278	Litchfield County Co-op. Assoc., Torrington, Conn. Common Sense Growing Mash .....	Torrington: Litchfield County Co-op. Assoc. ....	9.90	20.25	15.00	5.88	7.00	5.60	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds—Continued								
	<i>Poultry feeds—Continued</i>								
2280	Litchfield County Co-op. Assoc., Torrington, Conn. Common Sense Laying Mash .....	Torrington: Litchfield County Co-op. Assoc. ....	%	%	%	%	%	%	%
4216	Litchfield County Co-op. Assoc., Torrington, Conn. Common Sense Scratch Feed .....	Torrington: Litchfield County Co-op. Assoc. ....	10.18	19.31	15.00	5.90	7.00	4.95	4.00
1911	Long Hill Feed Store, Long Hill, Conn. Square Deal Buttermilk Laying Mash .....	Long Hill: Long Hill Feed Store .....	11.95	10.88	9.00	2.68	4.00	3.30	2.50
2283	E. Manchester & Sons, Winsted, Conn. Huntington Red Star Egg Mash .....	Winsted: E. Manchester & Sons .....	8.65	20.75	20.00	6.53	7.00	4.73	5.00
2284	E. Manchester & Sons, Winsted, Conn. Red Star Egg Mash .....	Winsted: E. Manchester & Sons .....	9.95	17.88	13.00	6.13	6.00	5.48	4.00
2286	E. Manchester & Sons, Winsted, Conn. Red Star Scratch Feed .....	Winsted: E. Manchester & Sons .....	9.13	20.63	18.00	7.00	8.00	5.58	4.00
2304	Maritime Milling Co., Inc., Buffalo, N. Y. Bull Brand All Mash Broiler & Growing Ration Vitaminized with Cod Liver Oil, Milk Sugar Feed and Dried Buttermilk .....	Winsted: E. Manchester & Sons .....	11.98	11.25	9.00	2.93	6.00	2.65	2.00
		Windsor: Lewis Bros. ....	10.50	15.38	15.00	4.98	7.00	5.38	4.00

2303	Maritime Milling Co., Inc., Buffalo, N. Y. B-B Daisy All Mash Starter and Growing Feed Vitamized with Cod Liver Oil, Milk Sugar Feed and Dried Buttermilk .....	Windsor: Lewis Bros. ....	11.23	16.75	15.00	4.93	7.00	5.43	3.50
2287	Maritime Milling Co., Inc., Buffalo, N. Y. B-B Daisy Egg Mash with Dried Buttermilk .....	Collinsville: Chas. H. Legeyt .....	10.85	18.75	18.00	6.20	7.00	5.60	3.50
3478	Maritime Milling Co., Inc., Buffalo, N. Y. B-B Daisy Scratch Feed ..	Wallingford: Laden Bros. Co., Inc. ....	12.78	10.38	9.00	2.38	5.00	3.10	2.50
3669	Maritime Milling Co., Inc., Buffalo, N. Y. Bull Brand All Mash Chick Starter Ration Vitamized with Cod Liver Oil, Milk Sugar Feed and Dried Buttermilk .....	Essex: Meech & Stoddard, Inc. ....	10.43	18.06	17.00	5.05	6.00	4.85	4.00
2305	Maritime Milling Co., Inc., Buffalo, N. Y. Bull Brand Laying Mash with Milk Sugar Feed and Dried Buttermilk .....	Windsor: Lewis Bros. ....	10.50	20.75	20.00	5.88	7.00	5.43	4.50
2288	Maritime Milling Co., Inc., Buffalo, N. Y. Bull Brand Scratch Feed ..	Collinsville: Chas. H. Legeyt .....	12.20	10.00	10.00	2.25	4.00	2.55	2.50
3141	Maritime Milling Co., Inc., Buffalo, N. Y. Dollar Maker Egg Mash ..	New Milford: W. L. Richmond & Son	10.35	18.38	17.00	7.11	9.00	5.65	3.50
2242	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Buttermilk Chick Starting Feed .....	Meriden: Meriden Grain & Coal Co. ..	8.85	17.69	13.00	5.73	5.00	5.43	4.00
2237	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Buttermilk Growing Feed .....	Meriden: Meriden Grain & Coal Co. ..	8.78	16.88	17.00	7.93	8.00	5.23	5.50
2241	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Buttermilk Laying Mash .....	Meriden: Meriden Grain & Coal Co. ..	9.58	18.94	17.00	8.83	8.00	6.18	5.50
3587	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Chick Feed .....	Middletown: Meech & Stoddard, Inc. ....	12.45	11.44	10.00	1.45	5.00	4.35	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Protein (N x 6.25)		Fiber		Fat			
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than		
			Water							
			%	%	%	%	%	%	%	%
3670	Proprietary Mixed Feeds— <i>Continued</i> <i>Poultry feeds—Continued</i> Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Intermedi- ate Chick Feed .....	Essex: Meech & Stoddard, Inc. ....	13.05	10.00	10.00	1.90	5.00	3.05	3.00	3.00
2238	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Scratch Feed .....	Meriden: Meriden Grain & Coal Co. ..	13.93	10.06	10.00	2.13	5.00	2.20	3.00	3.00
3066	Geo. Q. Moon & Co., Inc., Bingham- ton, N. Y. Moon's Baby Chick Grains .....	Stratford: Z. C. Ingersoll .....	12.20	11.63	10.00	0.96	2.50	1.20	3.00	3.00
1929	Geo. Q. Moon & Co., Inc., Bingham- ton, N. Y. Moon's Developing Grains .....	Stratford: Z. C. Ingersoll .....	12.15	10.88	10.00	1.66	5.00	3.73	2.00	2.00
3558	Geo. Q. Moon & Co., Inc., Bingham- ton, N. Y. Moon's Growing Mash Grains .....	Norfolk: Aug. P. Curtis .....	10.80	16.56	17.00	4.43	7.00	4.55	4.00	4.00
3067	Geo. Q. Moon & Co., Inc., Bingham- ton, N. Y. Moon's Laying Mash with Dried Buttermilk .....	Stratford: Z. C. Ingersoll .....	10.20	19.88	20.00	4.83	9.00	4.85	4.00	4.00
1930	Geo. Q. Moon & Co., Inc., Bingham- ton, N. Y. Moon's Special A Scratch Feed .....	Stratford: Z. C. Ingersoll .....	13.73	10.13	10.00	2.81	5.00	2.60	2.00	2.00

2098	Fred C. Morse & Son, Guilford, Conn. Old Mill Growing Mash .....	Guilford: Fred C. Morse & Son .....	8.95	17.75	15.00	3.50	6.00	4.80	5.00
2097	Fred C. Morse & Son, Guilford, Conn. Old Mill Laying Mash with Skim Milk .....	Guilford: Fred C. Morse & Son .....	10.70	19.31	17.00	5.18	8.00	4.83	4.00
2094	Fred C. Morse & Son, Guilford, Conn. Old Mill Laying Mash with Milk and Oil .....	Guilford: Fred C. Morse & Son .....	9.95	21.63	20.00	6.03	8.00	4.80	5.00
3665	Fred C. Morse & Son, Guilford, Conn. Old Mill Scratch Feed .....	Guilford: Fred C. Morse & Son .....	12.88	11.25	10.00	2.10	4.00	2.63	2.50
2095	Fred C. Morse & Son, Guilford, Conn. Old Mill Starting Mash .....	Guilford: Fred C. Morse & Son .....	10.28	17.63	17.00	3.60	3.50	4.60	4.50
2012	Norwalk Grain Co., Norwalk, Conn. Favorite Egg Mash with Milk .....	Norwalk: Libner Grain Co. ....	8.78	18.75	17.00	6.65	9.00	5.50	3.00
2013	Norwalk Grain Co., Norwalk, Conn. Favorite Scratch Feed .....	Norwalk: Libner Grain Co. ....	10.55	10.63	10.00	2.30	5.00	2.48	2.00
3655	Nowak Milling Corp., Hammond, Ind. Domino Chick Pel-ets .....	Westville: Westville Grain Co. ....	10.13	17.38	16.00	3.70	5.00	5.93	4.00
3654	Nowak Milling Corp., Hammond, Ind. Domino Egg Pel-ets .....	Westville: Westville Grain Co. ....	9.75	20.50	20.00	5.43	7.50	5.00	4.50
3548	Nowak Milling Corp., Hammond, Ind. Domino Growing Mash with But- ternut .....	Sharon: Frank A. Wike & Co. ....	9.68	19.31	18.00	5.68	6.00	6.10	4.50
3551	Nowak Milling Corp., Hammond, Ind. Domino Laying Mash with Butter- milk .....	Sharon: Frank A. Wike & Co. ....	9.70	19.50	20.00	6.13	8.00	5.39	4.50
3853	Nowak Milling Corp., Hammond, Ind. Domino Scratch Feed .....	Sharon: Frank A. Wike & Co. ....	12.13	10.88	10.00	2.53	4.00	2.55	2.00
3550	Nowak Milling Corp., Hammond, Ind. Export Scratch Feed .....	Sharon: Frank A. Wike & Co. ....	12.23	10.63	9.00	2.10	5.00	2.55	2.00
3554	Nowak Milling Corp., Hammond, Ind. Fidelity Scratch Feed .....	Sharon: Frank A. Wike & Co. ....	12.20	10.94	10.00	2.28	4.00	2.60	2.00
3984	P. Fredt's Obrecht & Son, Baltimore, Md. Egg-O-Milk Co., Inc., Oswego, Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Laying Mash with Cod Liver Oil .....	Plantersville: C. A. Cowles .....	10.00	17.75	12.00	0.78	3.00	3.70	3.00
2159		Middletown: P. Levson & Son .....	9.88	18.88	19.00	6.40	8.50	4.70	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds—Continued									
	<i>Poultry feeds—Continued</i>									
2160	Ontario Milling Co., Inc., Oswego, N. Y. Oswego Scratch Feed	Middletown: P. Levson & Son	12.68	10.50	10.00	2.23	5.00	2.78	2.50	%
2087	S. V. Osborn Est., Branford, Conn. Osborn Scratch	Branford: S. V. Osborn Est.	13.03	12.00	10.00	2.08	5.00	2.48	2.00	%
1916	Park & Pollard Co., Buffalo, N. Y. All-In-One Starting Feed	West Cheshire: Cheshire Grain & Coal Co.	12.05	15.13	17.00	2.79	5.00	4.13	3.50	%
1898	Park & Pollard Co., Buffalo, N. Y. Growing Feed	Stratford: Farmers' Flour & Grain Co.	10.65	17.25	14.00	4.73	7.00	4.38	3.00	%
2016	Park & Pollard Co., Buffalo, N. Y. Growing Feed with Cod Liver Oil	Norwich: A. E. Shedd	11.90	16.25	14.00	4.63	7.00	4.45	3.00	%
2199	Park & Pollard Co., Buffalo, N. Y. Holcomb's Milk Egg Mash	Newtown: R. H. Holcomb & Co.	10.30	18.31	17.00	5.05	6.50	4.33	4.00	%
3570	Park & Pollard Co., Buffalo, N. Y. Intermediate Chick Feed	East Winsted: Leonard Grain Co.	12.65	11.00	10.00	1.70	3.50	2.58	3.00	%
2256	Park & Pollard Co., Buffalo, N. Y. Lay or Bust Dry Mash	Kensington: A. S. Labieniec	10.85	22.75	18.00	5.25	7.00	4.40	3.00	%
3172	Park & Pollard Co., Buffalo, N. Y. Lay or Bust Dry Mash with Cod Liver Oil	Norwich: A. E. Shedd	11.13	19.63	18.00	4.63	7.00	4.30	3.00	%
1915	Park & Pollard Co., Buffalo, N. Y. Park & Pollard Chick Starter	West Cheshire: Cheshire Grain & Coal Co.	11.18	17.00	17.00	2.74	5.00	4.10	3.50	%



3079	Park & Pollard Co., Buffalo, N. Y.	New London: New London Grain Co.	10.63	18.75	17.00	4.55	5.00	4.68	3.50
1917	Park & Pollard Turkey Starter ...	West Cheshire:							
	Park & Pollard Co., Buffalo, N. Y.	Cheshire Grain & Coal Co. ....	12.80	11.06	10.00	1.50	3.50	3.30	3.00
3599	Red Ribbon Chick Feed .....								
	Park & Pollard Co., Buffalo, N. Y.	Woodbury: C. L. Adams Co. ....	12.55	10.50	10.00	2.08	5.00	2.58	3.00
3058	Frank S. Platt Co., New Haven,								
	Comm. Placco Laying Mash .....	New Haven: Frank S. Platt Co. ....	10.65	25.69	20.00	5.13	7.00	6.00	5.50
3059	Frank S. Platt Co., New Haven,								
	Coun. Placco Perfection Grain								
	Mixture .....	New Haven: Frank S. Platt Co. ....	12.28	11.75	10.50	3.37	3.50	2.85	3.00
1980	Pratt Food Co., Buffalo, N. Y. Pratt's								
	Baby Chick Food .....	Bristol: Bristol Supply Co. ....	10.20	17.69	16.00	2.65	4.00	4.28	3.50
1982	Pratt Food Co., Buffalo, N. Y. Pratt's								
	Chick Scratch Feed .....	Bristol: Bristol Supply Co. ....	11.35	10.94	10.00	1.33	4.00	2.90	2.00
1979	Pratt Food Co., Buffalo, N. Y. Pratt's								
	Growing Mash with Buttermilk ...	Bristol: Bristol Supply Co. ....	10.05	18.94	17.50	5.14	6.00	4.85	4.50
1981	Pratt Food Co., Buffalo, N. Y. Pratt's								
	Intermediate Scratch Feed .....	Bristol: Bristol Supply Co. ....	12.03	10.19	10.00	1.64	4.00	2.10	2.00
1978	Pratt Food Co., Buffalo, N. Y. Pratt's								
	Laying Mash with Buttermilk .....	Bristol: Bristol Supply Co. ....	9.95	21.75	20.00	5.49	6.75	5.48	4.50
3154	H. C. Puffer Co., Springfield, Mass.	Simsbury: H. B. Bunnell & Co. ....	14.53	9.81	10.00	2.90	5.00	2.60	1.50
	Egg-Em-On Scratch Grains .....								
3201	The Quaker Oats Co., Chicago, Ill.	Rockville: Rockville Grain & Coal Co.	11.80	9.88	9.50	2.28	3.50	2.95	2.00
	Early Bird Coarse Chick Feed .....								
3206	The Quaker Oats Co., Chicago, Ill.								
	Early Bird Fine Chick Feed—No								
	Grit .....	Thompsonville: Geo. S. Phelps & Co....	12.65	9.88	10.00	1.55	2.00	2.03	2.00
2215	The Quaker Oats Co., Chicago, Ill.								
	Quaker Ful-O-Pep Chick Starter...	Danbury: C. S. Barnum & Son .....	8.45	16.13	17.00	5.78	7.00	5.60	5.00
3194	The Quaker Oats Co., Chicago, Ill.								
	Quaker Ful-O-Pep Coarse Chick								
	Feed .....								
1994	The Quaker Oats Co., Chicago, Ill.	Rockville: Rockville Grain & Coal Co.	12.00	9.88	10.00	2.13	2.50	2.75	2.00
	Quaker Ful-O-Pep Egg Mash .....								
2306	The Quaker Oats Co., Chicago, Ill.	New Britain: C. W. Lines Co. ....	9.08	20.19	20.00	5.68	8.00	5.43	4.50
	Quaker Ful-O-Pep Fine Chick Feed	Thompsonville: Geo. S. Phelps & Co....	10.80	11.56	11.00	1.73	2.00	3.10	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds—Continued								
	<i>Poultry feeds—Continued</i>								
2209	The Quaker Oats Co., Chicago, Ill.	Bethel: Morrison & Dunham .....	%	%	%	%	%	%	%
3116	Quaker Ful-O-Pep Growing Mash		8.23	18.69	19.00	6.15	6.00	5.80	5.00
	The Quaker Oats Co., Chicago, Ill.								
3800	Quaker Ful-O-Pep Scratch Grains	Plainville: W. S. Eaton .....	12.95	9.75	9.00	2.14	3.00	2.90	2.00
	The Quaker Oats Co., Chicago, Ill.								
	Quaker Ful-O-Pep Station Grade								
	Fattening Feed .....	New Haven: R. G. Davis & Sons, Inc.	8.83	14.38	12.00	3.43	5.50	6.18	4.50
2075	Ralston Purina Co., St. Louis, Mo.								
	Protena Scratch Feed (Buffalo Mill)	Stamford: Clapboard Hill Feed Co. ...	13.70	10.38	9.50	2.68	4.00	2.75	2.00
2076	Ralston Purina Co., St. Louis, Mo.								
	Purina All Mash Egg Chowder ...	Stamford: Clapboard Hill Feed Co. ...	10.50	16.88	15.50	5.38	8.00	5.08	3.50
3605	Ralston Purina Co., St. Louis, Mo.								
	Purina All Mash Growena Chow ...	Waterbury: Waterbury Feed Store ...	10.88	17.25	15.00	5.73	7.00	4.93	3.50
2073	Ralston Purina Co., St. Louis, Mo.								
	Purina All Mash Startena Chow ...	Stamford: Clapboard Hill Feed Co. ...	10.45	20.13	18.00	4.63	7.00	5.15	4.00
2077	Ralston Purina Co., St. Louis, Mo.								
	Purina Breeder Egg Chowder ....	Stamford: Clapboard Hill Feed Co. ...	9.68	20.75	19.00	7.25	8.00	4.85	3.50
2079	Ralston Purina Co., St. Louis, Mo.								
	Purina Broiler Chow .....	Stamford: Clapboard Hill Feed Co. ...	10.73	19.25	18.00	4.30	7.00	4.85	4.00
2081	Ralston Purina Co., St. Louis, Mo.								
	Purina Chick Chow .....	Stamford: Clapboard Hill Feed Co. ...	11.78	11.38	10.00	2.38	4.00	3.05	2.00

3794	Ralston Purina Co., St. Louis, Mo. Purina Chicken Fatena Chow .....	New London : New London Grain Co...	10.53	14.00	12.00	5.08	6.60	4.74	3.00
3030	Ralston Purina Co., St. Louis, Mo. Purina Chick Growena Chow .....	Manchester : Manchester Grain Co. ....	11.60	18.75	17.00	5.81	7.00	4.93	3.50
2078	Ralston Purina Co., St. Louis, Mo. Purina Chick Growena Chow (with Cod Liver Oil) .....	Stamford : Clapboard Hill Feed Co. ....	10.18	18.94	17.00	6.73	7.00	5.68	3.50
3649	Ralston Purina Co., St. Louis, Mo. Purina Chick Startena Chow .....	Ridgefield : Ridgefield Lumber Co. ....	9.80	21.88	19.00	5.03	7.00	4.58	4.00
2111	Ralston Purina Co., St. Louis, Mo. Purina Egg Chowder .....	Norwich : A. E. Shedd .....	10.38	19.44	19.00	7.33	8.00	4.50	3.50
3572	Ralston Purina Co., St. Louis, Mo. Purina Hen Chow .....	Torrington : F. L. Wadhams & Sons ..	12.78	11.75	10.00	2.98	4.00	3.40	2.50
2080	Ralston Purina Co., St. Louis, Mo. Purina Intermediate Hen Chow ...	Stamford : Clapboard Hill Feed Co. ....	11.95	10.38	10.00	2.05	4.00	2.95	2.50
2074	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow .....	Stamford : Clapboard Hill Feed Co. ....	10.45	19.44	17.00	5.95	8.00	4.30	2.50
3016	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow with Cod Liver Oil .....	Manchester : Manchester Grain Co. ....	11.03	20.63	17.00	5.96	8.00	4.45	2.50
2231	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow (with Cod Liver Oil and Dried Buttermilk) .....	Wallingford : A. E. Hall .....	10.78	21.00	17.00	6.28	8.00	5.38	2.50
3253	Ralston Purina Co., St. Louis, Mo. Purina Turkey Growing and Fatten- ing Chow .....	Norwich : A. E. Shedd .....	11.95	21.88	21.00	5.35	8.00	4.50	3.50
3252	Ralston Purina Co., St. Louis, Mo. Purina Turkey Startena Chow .....	Norwich : A. E. Shedd .....	9.98	27.00	26.00	4.05	6.00	7.05	4.50
3046	Rotex Milling Co., Cleveland, Ohio. Rotex Egg Mash .....	Ansonia : A. Hodos & Son .....	11.90	19.13	20.00	4.85	7.00	4.93	4.00
3047	Rotex Milling Co., Cleveland, Ohio. Rotex Starting and Growing Mash ..	Ansonia : A. Hodos & Son .....	12.53	17.13	18.00	3.31	7.00	5.25	3.50
3053	Seymour Grain & Coal Co., Seymour, Conn. Miracle Chick Feed .....	Seymour : Seymour Grain & Coal Co...	12.83	12.50	10.00	1.46	5.00	3.18	2.50
3052	Seymour Grain & Coal Co., Seymour, Conn. Miracle Chick Grower .....	Seymour : Seymour Grain & Coal Co...	11.83	18.31	16.00	4.50	6.00	4.20	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than
			%	%	%	%	%	%	%	%
	Proprietary Mixed Feeds—Continued <i>Poultry feeds—Continued</i>									
2191	Seymour Grain & Coal Co., Seymour, Conn. Miracle Chick Starter .....	Seymour: Seymour Grain & Coal Co...	8.60	18.75	16.00	5.50	5.25	4.00		
2187	Seymour Grain & Coal Co., Seymour, Conn. Miracle Laying Mash with Skim Milk .....	Seymour: Seymour Grain & Coal Co...	8.45	21.38	19.00	5.43	5.08	4.50		
2188	Seymour Grain & Coal Co., Seymour, Conn. Miracle Scratch .....	Seymour: Seymour Grain & Coal Co...	11.20	11.56	10.00	2.98	2.85	2.50		
2167	Shelton Feed Co., Inc., Shelton, Conn. Nelson Mixed Chicken Feed .....	Shelton: Shelton Feed Co., Inc. ....	14.03	10.00	10.00	2.20	2.20	1.50		
2053	Ike Sovitsky, Ansonia, Conn. Ansonia Baby Chick Starter with Buttermilk and Cod Liver Oil .....	Ansonia: Ike Sovitsky .....	9.45	19.50	17.00	4.60	4.28	4.00		
2172	Ike Sovitsky, Ansonia, Conn. Ansonia Egg Mash with Buttermilk and Cod Liver Oil .....	Ansonia: Ike Sovitsky .....	9.03	21.00	20.00	5.80	5.10	4.00		
2173	Ike Sovitsky, Ansonia, Conn. Ansonia Scratch Feed .....	Ansonia: Ike Sovitsky .....	11.30	10.50	9.00	2.20	2.50	2.00		
3105	St. Albans Grain Co., St. Albans, Vt. Mornin' Call Poultry Grains .....	Meriden: H. Grulich .....	12.45	11.31	10.00	2.25	2.90	2.50		

1896	St. Albans Grain Co., St. Albans, Vt. Wirthmore All Purpose Chick and Broiler Ration .....	Milford: Milford Grain Co. ....	9.43	20.25	17.50	3.16	5.50	4.48	4.00
2089	St. Albans Grain Co., St. Albans, Vt. Wirthmore Baby Chick Scratch ..	Branford: S. V. Osborn Est. ....	11.50	12.00	10.00	1.53	3.50	3.05	2.50
1894	St. Albans Grain Co., St. Albans, Vt. Wirthmore Baby Chick Starter, A Complete Balanced Feed for the first six weeks, containing Fortified Cod Liver Oil .....	Milford: Milford Grain Co. ....	9.68	20.63	18.00	3.40	5.00	4.48	4.00
2113	St. Albans Grain Co., St. Albans, Vt. Wirthmore Breeder Mash .....	Norwich: Norwich Grain Co. ....	9.98	22.31	20.00	4.78	7.00	4.53	4.50
1983	St. Albans Grain Co., St. Albans, Vt. Wirthmore Complete Growing Ration .....	Bristol: Bristol Supply Co. ....	9.88	16.56	14.00	4.95	6.00	4.80	3.75
1921	St. Albans Grain Co., St. Albans, Vt. Wirthmore Complete Ration for Layers .....	Plantsville: C. A. Cowles .....	10.38	18.38	15.00	4.21	5.00	4.40	4.00
2114	St. Albans Grain Co., St. Albans, Vt. Wirthmore Fleshing and Fattening Mash .....	Norwich: Norwich Grain Co. ....	9.83	15.81	15.00	4.18	6.00	5.03	4.50 <sub>4</sub>
1999	St. Albans Grain Co., St. Albans, Vt. Wirthmore Growing Mash .....	Southport: C. Buckingham & Co. ....	10.10	17.13	15.00	5.40	6.00	4.78	4.50
3408	St. Albans Grain Co., St. Albans, Vt. Wirthmore Growing Mash .....	Monroe: Henry Lord .....	11.83	18.00	15.00	5.95	6.00	4.90	4.50
1920	St. Albans Grain Co., St. Albans, Vt. Wirthmore Growing Mash (contain- ing Fortified Cod Liver Oil) .....	Plantsville: C. A. Cowles .....	10.33	17.31	15.00	5.07	6.00	5.25	4.50
2000	St. Albans Grain Co., St. Albans, Vt. Wirthmore Intermediate Scratch Feed .....	Southport: C. Buckingham & Co. ....	11.38	12.50	10.00	2.30	3.50	2.83	2.50
1919	St. Albans Grain Co., St. Albans, Vt. Wirthmore Laying Mash .....	Plantsville: C. A. Cowles .....	9.63	21.88	20.00	4.64	7.00	4.63	4.00
1895	St. Albans Grain Co., St. Albans, Vt. Wirthmore Laying Mash containing Fortified Cod Liver Oil .....	Milford: Milford Grain Co. ....	9.58	21.00	20.00	4.72	7.00	4.53	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	Proprietary Mixed Feeds—Continued <i>Poultry feeds—Continued</i>		%	%	%	%	%	%	%	
33595	St. Albans Grain Co., St. Albans, Vt.	Southbury: Southbury Grain Co. ....	13.15	11.25	10.00	2.15	4.00	2.78	2.50	
3659	Wirtmore Scratch Feed .....									
	St. Albans Grain Co., St. Albans, Vt.									
	Wirtmore Turkey Fattening Ration .....	Branford: S. V. Osborn Est. ....	11.10	16.63	16.00	5.40	7.00	4.40	4.50	
3409	St. Albans Grain Co., St. Albans, Vt.	Monroe: Henry Lord .....	11.45	20.00	20.00	5.96	7.00	4.73	4.00	
3074	St. Albans Grain Co., St. Albans, Vt.	New Haven: R. G. Davis & Sons, Inc.	10.40	20.44	20.00	5.25	7.00	4.88	4.00	
3061	Wirtmore Turkey Growing Ration St. Albans Grain Co., St. Albans, Vt.	Westville: Westville Grain Co. ....	10.48	23.38	24.00	4.45	7.00	4.53	4.50	
3579	Wirtmore Turkey Starting Ration D. A. Stickell & Sons, Inc., Hagers- town, Md. Snap Scratch Grains ..	Middlefield: Terrill & Burnham .....	13.05	9.94	10.00	2.43	5.00	2.15	2.50	
3581	D. A. Stickell & Sons, Inc., Hagers- town, Md. Stickell's Intermediate Chick Feed .....	Middlefield: Terrill & Burnham .....	12.90	10.25	10.00	1.65	5.00	3.68	2.50	
3592	D. A. Stickell & Sons, Inc., Hagers- town, Md. Stickell's Poultry Fatter	Hartford: H. L. Solloway .....	9.88	14.06	12.00	4.00	4.00	5.48	4.50	
3583	D. A. Stickell & Sons, Inc., Hagers- town, Md. Su-Pur Growing Mash	Middlefield: Terrill & Burnham .....	9.65	18.75	17.00	5.30	6.00	4.99	4.00	

1933	D. A. Stickell & Sons, Inc., Hagers-town, Md. Two-in-One Scratch Grains .....	13.20	10.50	10.00	1.55	5.00	2.00	2.50
3850	Syracuse Milling Co., Syracuse, N. Y. Onondaga Scratch Grains .....	12.30	10.25	10.00	2.40	5.00	3.10	2.50
2072	Syracuse Milling Co., Syracuse, N. Y. Syragold Egg Mash .....	9.83	19.88	18.00	5.78	8.00	5.40	3.00
2282	Syracuse Milling Co., Syracuse, N. Y. Syragold Feed Meal .....	11.38	10.50	9.00	3.15	8.00	5.65	3.00
3627	Syracuse Milling Co., Syracuse, N. Y. Syragold Growing Mash .....	12.90	19.06	16.00	4.05	7.00	4.03	4.00
3618	Syracuse Milling Co., Syracuse, N. Y. Syragold Laying Mash with Butter-milk .....	9.53	19.19	18.00	7.30	9.00	4.85	3.00
2071	Syracuse Milling Co., Syracuse, N. Y. Syragold Scratch Grains .....	12.18	10.88	10.00	2.63	5.00	2.80	2.50
2265	Thomaston Supply Co., Inc., Thomas-ton, Conn. Thomaston Egg Mash... ..	9.98	19.00	18.00	7.38	7.00	4.45	4.00
2266	Thomaston Supply Co., Inc., Thomas-ton, Conn. Thomaston Growing Mash... ..	9.53	15.88	15.00	6.83	7.00	4.58	4.00
2267	Thomaston Supply Co., Inc., Thomas-ton, Conn. Thomaston Scratch Feed... ..	12.60	12.00	10.00	2.85	5.00	3.15	3.00
3538	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Broilerline .....	10.33	18.94	15.50	4.60	7.00	4.58	3.50
2208	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Chicatine .....	9.48	20.50	18.00	4.88	7.00	6.23	3.50
1985	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby E-Gee Scratch Feed .....	13.33	10.63	9.00	2.50	4.50	3.23	2.00
3988	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Ducatine .....	9.50	20.88	18.00	5.20	6.50	4.70	4.00
3525	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Egatine .....	9.73	25.19	23.00	5.43	7.00	4.78	3.50
3524	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Chick and Growing Mash .....	10.63	20.88	16.50	5.43	7.00	4.80	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds— <i>Continued</i> <i>Poultry feeds—Continued</i>		%	%	%	%	%	%	
3537	Tioga-Empire Feed Mills, Inc., Waverly, N.Y. Tioga Laying Food	Hawleyville: W. A. Honan .....	10.78	20.00	18.00	5.25	7.50	4.28	4.00
2276	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Neverfail Growing Grains .....	Torrington: Litchfield Co-op. Assoc. ...	12.25	10.94	10.00	1.63	3.50	3.05	3.00
2277	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Neverfail Poultry Grains .....	Torrington: Litchfield Co-op. Assoc. ...	11.53	11.25	9.00	2.75	4.50	3.45	2.00
3056	Jacob Trinley & Sons, Linfield, Pa. Favorite Laying Mash .....	Bridgeport: Conn. Feed Co. ....	10.30	19.63	18.00	6.97	7.00	5.20	4.00
3064	Jacob Trinley & Sons, Linfield, Pa. Favorite Scratch Grains .....	Bridgeport: Conn. Feed Co. ....	12.43	11.19	9.00	2.71	5.00	2.75	2.00
3801	Jacob Trinley & Sons, Linfield, Pa. Real Fattening Mash with Butter- milk .....	New Haven: R. G. Davis & Sons, Inc.	9.58	17.88	14.00	3.05	6.00	5.65	4.50
3055	Jacob Trinley & Sons, Linfield, Pa. Real Growing Mash .....	Bridgeport: Conn. Feed Co. ....	10.65	19.13	17.00	7.00	10.00	6.13	4.00
2264	Watertown Co-op. Assoc., Watertown, Conn. Sterling Scratch Feed .....	Watertown: Watertown Co-op. Assoc.	11.83	12.19	10.00	3.03	4.00	2.88	2.50



3640	Wayne County Grangers Feed Corp., Clyde, N. Y. Superior Laying Mash with Buttermilk and Cod Liver Oil	Cos Cob: A. R. Belmont .....	9.85	22.44	18.00	5.00	7.00	4.94	4.00
2130	West-Neshbitt, Inc., Oneonta, N. Y. Connecticut State Formula Mash...	Amston: Amston Grain Mill .....	10.73	19.13	18.00	4.30	7.00	5.63	4.00
2281	West-Neshbitt, Inc., Oneonta, N. Y. Pure Feed Egg Mash with Buttermilk	Winsted: Chas. R. Hawley .....	10.93	22.13	18.00	5.45	7.00	4.90	5.00
2131	West-Neshbitt, Inc., Oneonta, N. Y. Pure Feed Scratch Grains .....	Amston: Amston Grain Mill .....	13.63	10.88	10.00	1.93	5.00	2.40	3.50
2168	Wolf's Feed Store, Shelton, Conn. Wolf's Egg Mash .....	Shelton: Wolf's Feed Store .....	9.53	19.94	18.00	6.03	7.00	5.53	4.50
2169	Wolf's Feed Store, Shelton, Conn. Wolf's Scratch Feed .....	Shelton: Wolf's Feed Store .....	11.85	10.31	10.00	2.65	4.00	2.45	2.00
1934	Yantic Grain & Products Co., Norwich, Conn. All-in-All Egg Ration	Mt. Carmel: Hamden Grain Co. ....	9.80	17.25	15.00	3.70	5.00	4.90	4.00
3092	Yantic Grain & Products Co., Norwich, Conn. Big Y All-in-All Growing Ration .....	Middlefield: Middlefield Center Feed Co. ....	10.90	18.25	15.00	3.74	5.00	5.65	4.00
1936	Yantic Grain & Products Co., Norwich, Conn. Big Y Chick Grains...	Mt. Carmel: Hamden Grain Co. ....	10.90	11.13	10.00	1.13	4.00	3.50	2.00
1935	Yantic Grain & Products Co., Norwich, Conn. Big Y Chick Starter with Cod Liver Oil .....	Mt. Carmel: Hamden Grain Co. ....	8.90	18.75	18.00	3.55	6.00	5.58	4.00
1941	Yantic Grain & Products Co., Norwich, Conn. Big Y Complete Broiler and Chick Ration .....	Mt. Carmel: Hamden Grain Co. ....	8.98	18.63	17.50	3.86	6.00	5.43	4.00
1938	Yantic Grain & Products Co., Norwich, Conn. Big Y Growing Feed with Cod Liver Meal and Dried Milk	Mt. Carmel: Hamden Grain Co. ....	9.00	18.63	16.50	5.00	7.00	4.43	4.00
3093	Yantic Grain & Products Co., Norwich, Conn. Big Y Intermediate Chick Feed .....	Middlefield: Middlefield Center Feed Co. ....	12.95	11.38	10.00	1.73	5.00	3.15	2.50
3747	Yantic Grain & Products Co., Norwich, Conn. Big Y Laying Mash	Jewett City: Big Y Feed Store .....	10.15	18.06	16.00	6.10	7.00	5.39	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds— <i>Continued</i> <i>Poultry feeds—Concluded</i>		%	%	%	%	%	%	
3097	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Laying Mash with Buttermilk and Cod Liver Meal	Middlefield: Middlefield Center Feed Co. ....	10.95	18.44	18.00	5.73	7.00	5.08	4.00
1939	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Laying Mash with Dried Milk and Cod Liver Meal	Mt. Carmel: Hamden Grain Co. ....	9.53	18.00	18.00	5.12	7.00	4.45	4.00
1940	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Scratch Feed..	Mt. Carmel: Hamden Grain Co. ....	11.15	11.38	10.00	2.62	5.00	2.58	2.00
4297	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Turkey Grow- ing Feed	Middlefield: Middlefield Center Grain Co. ....	9.68	20.63	20.00	4.88	6.00	6.18	4.50
4122	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Turkey Starter Feed	Mt. Carmel: Hamden Grain Co. ....	8.68	23.88	24.00	5.00	5.00	6.14	4.50
4140	Yantic Grain & Products Co., Nor- wich, Conn. Calico Girl Scratch Feed	Willimantic: Boston Grain Co. ....	11.98	12.13	10.00	2.80	5.00	2.63	2.00
1937	Yantic Grain & Products Co., Nor- wich, Conn. Columbia Laying Mash with Dried Milk and Cod Liver Meal	Mt. Carmel: Hamden Grain Co. ....	9.65	16.00	16.00	7.24	7.00	4.73	4.00

2260	Yantic Grain & Products Co., Norwich, Conn. Columbia Scratch Feed	Naugatuck: Naugatuck Grain Co. ....	11.83	11.00	10.00	2.13	5.00	2.45	3.00
3767	Yantic Grain & Products Co., Norwich, Conn. Uncas Scratch Feed...	Norwich: Yantic Grain & Products Co.	11.70	11.56	10.00	2.73	5.00	2.93	3.00
<i>Beef scraps, and other products</i>									
3566	C. E. Buell, Inc., Boston, Mass. Buell Boston Dried Skim Milk .....	Winsted: E. Manchester & Sons .....	5.98	34.13	31.10	....	....	0.70 <sup>1</sup>	0.20
3728	C. W. Burekhalter, Inc., New York City. Burek Brand Powdered Skim Milk .....	Stafford Springs: Stafford Granery ...	6.90	33.38	32.00	....	....	1.38 <sup>1</sup>	0.75
2307	Collis Products Co., St. Paul, Minn. Collis Process Dried Buttermilk...	Thompsonville: Geo. S. Phelps & Co...	10.20	31.88	30.00	....	....	5.55 <sup>1</sup>	5.00
3465	Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn. Meat Scraps .....	Wallingford: A. E. Hall .....	7.45	50.56	45.00	....	....	10.05	10.00
3504	Consolidated Rendering Co., Boston, Mass. Corenco Bone Meal, An All Animal Feed for Cattle, Hogs and Poultry .....	Southbury: Southbury Grain Co. ....	8.28	25.00	20.00	....	....	0.55	2.00
3503	Consolidated Rendering Co., Boston, Mass. Corenco Cod and Haddock Meal .....	New Haven: L. T. Frisbie Co. ....	9.00	63.63	62.00	....	....	2.90	2.00
3573	Consolidated Rendering Co., Boston, Mass. Corenco 45% Meat and Bone Scrap .....	West Cheshire: Cheshire Grain & Coal Co. ....	8.78	47.94	45.00	....	....	8.44	6.00
3702	Consolidated Rendering Co., Boston, Mass. Corenco 50% Meat Scrap ...	Thomaston: Thomaston Supply Co. ...	9.03	49.63	50.00	....	....	8.35	6.00
3163	Mass. Corenco 55% Meat Scrap ... Consumer's Importing Co., New York City. Cico Bone Meal .....	Bloomfield: Bloomfield Farmers' Exchange .....	7.68	58.69	55.00	....	....	9.75	6.00
2116	Dairymen's League Co-op. Assoc., New York City. Dairy-Dea Choice Feed Grade Dried Skim Milk .....	Granby: E. H. Rollins .....	4.00	5.81	5.14	....	....	0.35	1.00
		Norwich: Norwich Grain Co. ....	4.20	35.13	33.00	....	....	0.88 <sup>1</sup>	0.50

<sup>1</sup>Roesse-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1933—*Concluded*

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	Proprietary Mixed Feeds— <i>Concluded</i> <i>Beef scraps, and other products</i> <i>—Concluded</i>		%	%	%	%	%	%	%	%
3891	General Commodity Corp., Buffalo, N. Y. Old Sol Dried Skim Milk...	Norwich: Yantic Grain & Products Co.	4.95	35.50	32.00	....	....	0.93 <sup>1</sup>	0.50	
2268	Gorton Pew Fisheries Co., Lt., Gloucester, Mass. Gorton's Codfish Meal .....	Thomaston: Thomaston Supply Co. ...	8.18	56.44	55.00	0.48	1.00	2.90	0.10	
3667	Gorton Pew Fisheries Co., Ltd., Gloucester, Mass. Gorton's Codfish Meal .....	Guilford: Fred C. Morse & Son .....	7.53	60.25	55.00	0.60	1.00	1.30	0.10	
3890	Lincoln Farm Products Corp., New York City. Farm Brand Meat and Bone Scrap .....	Norwich: Yantic Grain & Products Co.	7.35	49.63	50.00	1.88	3.00	8.38	8.00	
3739	Maine Fish Meal Co., Portland, Me. Maine Sardine Fish Meal .....	Putnam: Dayville Grain Co. ....	12.13	52.63	55.00	0.30	1.00	16.87	1.00	
2007	Monti-Van Iderstine Co., Brooklyn, N. Y. Movan Meat Scrap .....	Norwalk: Libner Grain Co. ....	5.63	53.13	50.00	2.55	3.00	10.68	7.00	
3748	James F. Morse & Co., Somerville, Mass. Morse's Meat Scrap .....	Jewett City: Jewett City Grain Co. ...	6.25	42.06	40.00	....	....	9.46	8.00	
3764	John Reardon & Sons Co., Cambridge, Mass. Register Brand Meat & Bone Scraps, 45% .....	Norwich: Norwich Grain Co. ....	5.68	44.38	45.00	1.60	3.00	9.08	6.00	

3765	John Reardon & Sons Co., Cambridge, Mass. Register Brand Meat Scraps, 55% .....	Norwich: Norwich Grain Co. ....	6.95	52.63	55.00	1.70	3.00	10.30	6.00
2115	Ronck & Bevis Co., Philadelphia, Pa. Ro-Be Fish Meal .....	Norwich: Norwich Grain Co. ....	10.40	52.31	55.00	3.93	3.00	6.78	5.00
3798	Sheffield Farms Co., Inc. New York City. Sheffield Skim Milk Powder .....	New Britain: C. W. Lines .....	5.63	33.75	32.00	....	....	0.83 <sup>1</sup>	0.50
3578	St. Albans Grain Co., St. Albans, Vt. Hygrade Pure Cod and Haddock Fish Meal .....	Middlefield: Middlefield Grain & Coal Co. ....	15.60	61.31	63.00	0.43	1.00	0.89	1.50
3711	St. Albans Grain Co., St. Albans, Vt. Pure Dried Skim Milk Powder ....	Plantsville: C. A. Cowles .....	6.63	34.25	32.00	....	....	2.15 <sup>1</sup>	0.50
3472	Chas. M. Struven Co., Baltimore, Md. Struven's Fish Meal .....	Wallingford: A. E. Hall .....	7.15	55.13	55.00	0.65	2.00	9.63	4.00
3746	The Van Iderstine Co., Long Island City, N. Y. Vico Quality Meat and Bone Scrap for Poultry .....	Moosup: Moosup Grain Co. ....	6.80	49.69	50.00	1.80	3.00	10.78	5.00
2190	Ward Dry Milk Co., St. Paul, Minn. Ward's Pure Dried Skim Milk ....	Seymour: Seymour Grain & Coal Co. ...	7.40	32.50	32.00	....	....	3.73 <sup>1</sup>	1.00
3732	Worcester Rendering Co., Auburn, Mass. P. W. Fish Meal .....	So. Coventry: E. W. Latimer .....	7.10	52.63	50.00	0.90	2.00	8.03	4.00
3248	Young Bros., Co., Inc., Danielson, Conn. Dried Skim Milk, Animal and Poultry Feed .....	Danielson: Young Bros. Co. ....	....	32.63	32.63	....	....	0.99	0.99

<sup>1</sup>Rosse-Gottlieb Method.

TABLE 1a. SUMMARY OF INSPECTION OF OFFICIAL SAMPLES

Feed	Samples examined	Samples deficient	Deficiencies in			Total deficiencies
			Protein	Fiber	Fat	
Cottonseed meal .....	11	3	3	0	0	3
Linseed meal .....	8	1	1	0	1	2
Soybean meal .....	3	0	0	0	0	0
Wheat bran .....	28	1	0	0	1	1
Wheat middlings and similar products .....	24	0	0	0	0	0
Wheat red dog .....	6	0	0	0	0	0
Wheat feed (mixed feed) .....	14	2	0	0	2	2
Corn gluten feed .....	11	2	1	0	1	2
Hominy feed .....	15	1	1	0	1	2
Rye products .....	1	0	0	0	0	0
Brewers' and distillers' grains .....	2	0	0	0	0	0
Dried beet pulp .....	2	0	0	0	0	0
Horse feeds .....	76	10	2	3	6	11
Dairy feeds .....	153	31	7	1	28	36
Stock feeds .....	45	3	1	1	2	4
Calf feeds and other products .....	16	5	1	0	4	5
Poultry feeds .....	371	30	6	5	21	32
Beef scraps, etc. ....	29	6	4	1	3	8
Total .....	815	95	27	11	70	108

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentages of guaranties met
			Protein	Fiber	Fat	
Acme-Evans Co. ....	1	3	0	0	0	100
Alfalfa Products Co. ....	1	3	0	0	0	100
Allied Mills, Inc. ....	32	96	0	0	1	99
American Maize Products Co. ....	1	3	0	0	0	100
Anchor Mills ....	1	3	0	0	0	100
Anheuser-Busch, Inc. ....	1	3	0	0	0	100
Arcady Farms Milling Co. ....	12	36	0	1	2	92
Archer-Daniels-Midland Co. ....	3	9	0	0	0	100
Ashcraft-Wilkinson Co. ....	2	6	0	0	0	100
Bailey, E. W., & Co. ....	16	48	0	0	4	92
Beacon Milling Co., Inc. ....	26	78	0	0	0	100
Bisbee Linseed Co. ....	1	3	0	0	0	100
Black Rock Milling Corp. ....	5	15	0	0	2	87
Blatchford Calf Meal Co. ....	1	3	0	0	1	67
Bridge's, Amos D. Sons, Inc. ....	1	3	0	0	0	100
Broder, L., Grain Store ....	1	3	0	0	0	100
Buckingham, C., & Co. ....	6	18	0	0	1	83
Buell, C. E., Inc. ....	1	2	0	..	0	100
Burckhalter, C. W., Inc. ....	1	2	0	..	0	100
Cairo Meal & Cake Co. ....	1	3	0	0	0	100
Campbell, C. W., Co. ....	13	39	0	0	1	97
Caple, A. B., Co. ....	1	3	0	0	0	100
Clinton Syrup Refining Co. ....	1	3	0	0	0	100
Coles Co. ....	7	21	1	0	2	86
Collis Products Co. ....	1	2	0	..	0	100
Commander-Larabee Corp. ....	1	3	0	0	0	100
Conkey, G. E., Co. ....	10	30	0	0	0	100
Conn. Fat Rendering & Fertilizer Corp. ....	1	2	0	..	0	100
Consolidated Rendering Co. ....	5	10	0	..	1	90
Consumers Food Stores, Inc. ....	10	30	0	1	2	90
Consumers Importing Co. ....	1	2	0	..	1	50
Corn Products Sales Co. ....	2	6	1	0	1	67
Cowee, E. A. Co. ....	4	12	0	0	0	100
Cowles, C. /.. ....	4	12	0	1	0	92
Cox, Chas. M., Co. ....	3	9	0	0	0	100
Crosby Milling Co. ....	2	6	0	0	0	100
Cutler, P. Inc. ....	6	18	0	0	0	100
Dairymen's League Co-op. Assoc., Inc. ....	1	2	0	..	0	100
Davis, R. G., & Sons, Inc. ....	8	24	0	0	1	96
Decatur Milling Co. ....	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS  
(Continued)

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentages of guaranties met
			Protein	Fiber	Fat	
Delaware Mills, Inc. ....	16	48	2	0	3	90
Denver Alfalfa Milling & Products Co. ....	1	3	1	0	0	67
Dietrich & Gambrill, Inc. ....	6	18	0	0	0	100
Duluth Superior Milling Co. ....	1	3	0	0	0	100
Eagle Roller Mill Co. ....	1	3	0	0	0	100
Eastern States Farmers' Exchange ....	20	60	0	0	1	98
Eckhart, B. A., Milling Co. ....	1	3	0	0	0	100
Elmore Milling Co., Inc. ....	12	36	0	0	1	97
Eshelman, John W., & Sons ....	33	99	0	2	2	96
Evans Milling Co. ....	1	3	0	0	0	100
Excelsior Milling Co. ....	1	3	0	0	1	67
Farmers' Feed Co. ....	1	3	0	0	0	100
Faroll Bros. ....	2	6	0	0	0	100
Fernando Valley Milling & Supply Co. ....	1	3	0	1	1	33
First National Stores, Inc. ....	2	6	0	0	0	100
Flory Milling Co., Inc. ....	6	18	0	0	2	89
Forbes, A. W. ....	3	9	0	0	0	100
Forbes Bros., Central Mills ....	1	3	0	0	0	100
Forrest, J. A. ....	3	9	1	0	1	78
Garland, J. B., & Sons ....	5	15	0	0	0	100
General Commodity Corp. ....	1	2	0	..	0	100
General Mills, Inc. ....	5	15	0	0	0	100
Gorton-Pew Fisheries Co., Ltd. ....	2	6	0	0	0	100
Grandin, D. H., Milling Co. ....	14	42	0	0	0	100
Grand Union Co. ....	2	6	0	0	0	100
Great Atlantic & Pacific Tea Co. ....	4	12	0	0	0	100
Hales & Hunter Co. ....	9	27	0	0	1	96
Ham, Frank B., & Co., Ltd. ....	2	6	0	0	0	100
Ham, J. B., Co. ....	9	27	0	0	2	93
Hamilton, William, & Son, Ltd. ....	1	3	0	0	0	100
Hecker-Jones-Jewell Milling Co. ....	3	9	0	0	0	100
Humphreys-Godwin Co. ....	2	6	0	0	0	100
International Milling Co. ....	3	9	0	0	0	100
Jersee Co. ....	1	3	0	0	1	67
Jones & Quinn ....	2	6	0	0	1	83
Kansas Flour Mills Corp. ....	1	3	0	0	0	100
Kellogg Co. ....	1	3	0	0	0	100
Kellogg & Miller, Inc. ....	1	3	0	0	0	100
Kellogg, Spencer & Sons, Inc. ....	1	3	0	0	0	100



TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS  
(Continued)

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentages of guaranties met
			Protein	Fiber	Fat	
King, H. H., Flour Mills Co. ....	1	3	0	0	0	100
King Midas Mill Co. ....	1	3	0	0	0	100
Krause, Chas. A., Milling Co. ....	1	3	0	0	0	100
Kysor, H. P., Feed & Grain Co. ....	6	18	0	0	1	94
Labieniec, A. S. ....	3	9	0	0	0	100
Laden, Bros. Co., Inc. ....	6	18	2	1	2	72
Larabee Flour Mills Co. ....	2	6	0	0	0	100
Larrowe Milling Co. ....	15	45	0	0	0	100
Libner Grain Co. ....	6	18	0	0	0	100
Lincoln Farm Products Corp. ....	1	3	0	0	0	100
Lines, C. W., Co. ....	5	15	0	0	1	93
Litchfield County Co-op. Assoc. ....	4	12	0	0	0	100
Long Hill Feed Store ....	2	6	0	0	2	67
Lovitt, L. B., & Co. ....	1	3	1	0	0	67
Maine Fish Meal Co. ....	1	3	1	0	0	67
Manchester, E., & Sons ....	7	21	0	0	0	100
Mann Bros. Co. ....	1	3	0	0	0	100
Maritime Milling Co., Inc. ....	15	45	0	0	1	98
Meador Milling Co. ....	1	3	1	0	1	33
Meech & Stoddard, Inc. ....	11	33	0	1	3	91
Miller Cereal Mills ....	1	3	1	0	1	33
Miner-Hillard Milling Co. ....	1	3	0	0	0	100
Monti-Van Iderstine, Inc. ....	1	3	0	0	0	100
Moon, Geo. Q., & Co., Inc. ....	15	45	0	0	3	93
Morse, Fred C., & Son ....	10	30	0	0	0	100
Morse, Jas. F., & Co. ....	1	3	0	0	0	100
Mosely & Motley Milling Co. ....	2	6	0	0	0	100
National Milling Co. ....	1	3	0	0	0	100
Niagara Falls Milling Co. ....	2	6	0	0	0	100
Northwestern Consolidated Milling Co. ....	3	9	0	0	0	100
Norwalk Grain Co. ....	2	6	0	0	0	100
Nowak Milling Corp. ....	7	21	0	0	0	100
Obrecht, P. Fred'k, & Son ....	1	3	0	0	0	100
Ontario Milling Co., Inc. ....	6	18	1	0	1	89
Osborn, S. V., Estate ....	2	6	0	0	0	100
Park & Pollard Co., Inc. ....	27	81	3	0	6	89
Patent Cereals Co., The ....	1	3	0	0	0	100
Pecas Valley Alfalfa Mill Co. ....	2	6	0	0	0	100
Penick & Ford, Ltd., Inc. ....	1	3	0	0	0	100
Pillsbury Flour Mills Co. ....	5	15	0	0	0	100
Pincoffs, Maurice, Co. ....	2	6	2	0	0	67

TABLE 1*b*. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS  
(Concluded)

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentages of guaranties met
			Protein	Fiber	Fat	
Platt, Frank S., Co., The .....	2	6	0	0	0	100
Postum Co., Inc. ....	1	3	0	0	0	100
Pratt Food Co. ....	7	21	0	0	0	100
Puffer, H. C., Co. ....	3	9	0	0	0	100
Quaker Oats Co., The .....	25	75	2	0	1	96
Ralston Purina Co. ....	35	105	0	0	0	100
Reardon, John, & Sons Co. ....	2	6	1	0	0	83
Richardson, Jas., & Sons, Ltd. ....	1	3	0	0	0	100
Robin Hood Mills, Ltd. ....	2	6	0	0	0	100
Ronck & Bevis Co. ....	1	3	1	1	0	33
Rotex Milling Co. ....	2	6	2	0	0	67
Russell Miller Milling Co. ....	3	9	0	0	0	100
Seymour Grain & Coal Co. ....	11	33	0	1	0	97
Shaffer, J. C., Grain Co. ....	1	3	0	0	0	100
Sheffield Farms Co., Inc. ....	1	2	0	..	0	100
Shelton Feed Co. ....	1	3	0	0	0	100
Sherwin-Williams Co. ....	1	3	0	0	0	100
Sovitsky, Ike .....	6	18	0	0	0	100
Staley, A. E. Manufacturing Co. ....	2	6	0	0	0	100
Stickell, D. A., & Sons, Inc. ....	8	24	0	0	2	92
St. Albans Grain Co. ....	41	122 <sup>1</sup>	3	0	2	96
St. Lawrence Flour Mills Co. ....	1	3	0	0	0	100
Struven Chas. M., Co. ....	1	3	0	0	0	100
Syracuse Milling Co. ....	14	42	0	0	0	100
Thomaston Supply Co., Inc. ....	4	12	0	0	0	100
Tioga-Empire Feed Mills, Inc. ....	15	45	0	0	2	96
Traders Feed & Grain Co., Inc. ....	2	6	0	0	0	100
Transit Milling Co. ....	2	6	0	0	0	100
Trinley, Jacob & Sons .....	8	24	0	0	1	96
Union Starch & Refining Co. ....	1	3	0	0	0	100
Upper Hudson Rye Flour Mills, Inc. ....	1	3	0	0	0	100
Van Iderstine Co. ....	1	3	0	0	0	100
Ward Dry Milk Co. ....	1	2	0	..	0	100
Watertown Co-op. Assoc. ....	1	3	0	0	0	100
Wayne County Grangers Feed Corp. ....	4	12	0	0	0	100
West-Nesbitt, Inc. ....	7	21	0	0	2	90
Wolf's Feed Store .....	3	9	0	0	0	100
Worcester Rendering Co. ....	1	3	0	0	0	100
Yantic Grain & Products Co. ....	31	93	0	1	1	98
Young Bros. Co., Inc. ....	1	2	0	..	1	100
	815	2429	27	11	70	96

<sup>1</sup>Includes one sample with only two guaranties.

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